Mobility
Interior Solutions

Optimized performance and surface aesthetics

BOREALIS بروج Borouge


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Contents

We Help You Excel in Mobility

Reduce Weight

Innovating for lightweight solutions

Borealis strives for sustainable mobility by innovating to reduce vehicle weight and enhance its energy efficiency. We collaborate with OEMs, TIERs, and value chain partners to deliver tangible benefits to the industry, drivers, passengers, and the environment. Our cutting-edge innovation comes with unparalleled quality control assurance.

Improve Sustainability

Promoting circular economy solutions

Polyolefins provide a lower environmental footprint compared to many conventional materials. Recognizing that plastics are too valuable to waste, Borealis drives the transition to a circular economy for plastics with our advanced mechanical recycled Borcycle™ M, chemical recycled Borcycle™ C, and bio-sourced Bornewables™. They focus on recycling post-consumer waste, reducing CO_2 emissions, and decoupling from fossil-based feedstocks while maintaining high-performance standards.

Save Costs

Delivering cost-efficient high-performance alternatives

The polypropylene (PP) compound solutions offered by Borealis and Borouge are cost-efficient and high-performance alternatives to conventional metal and engineering plastics. Our tailor-made materials are easy to process, even in complex geometries and surface textures. Enabling design freedom and highly functional parts across a wide range of process parameters. They create robust surfaces with excellent aesthetics, paintability, and high scratch resistance.

Access Globally

Growing global footprint and local presence

With operations in over 120 countries, the Borealis and Borouge footprint is truly global. Our presence on the ground enables us to provide dedicated support to mobility OEMs and Tiers all over the world. Highly skilled and experienced teams in our development centers and operations in Europe, the Americas, and Asia are re-inventing plastics for sustainable mobility.

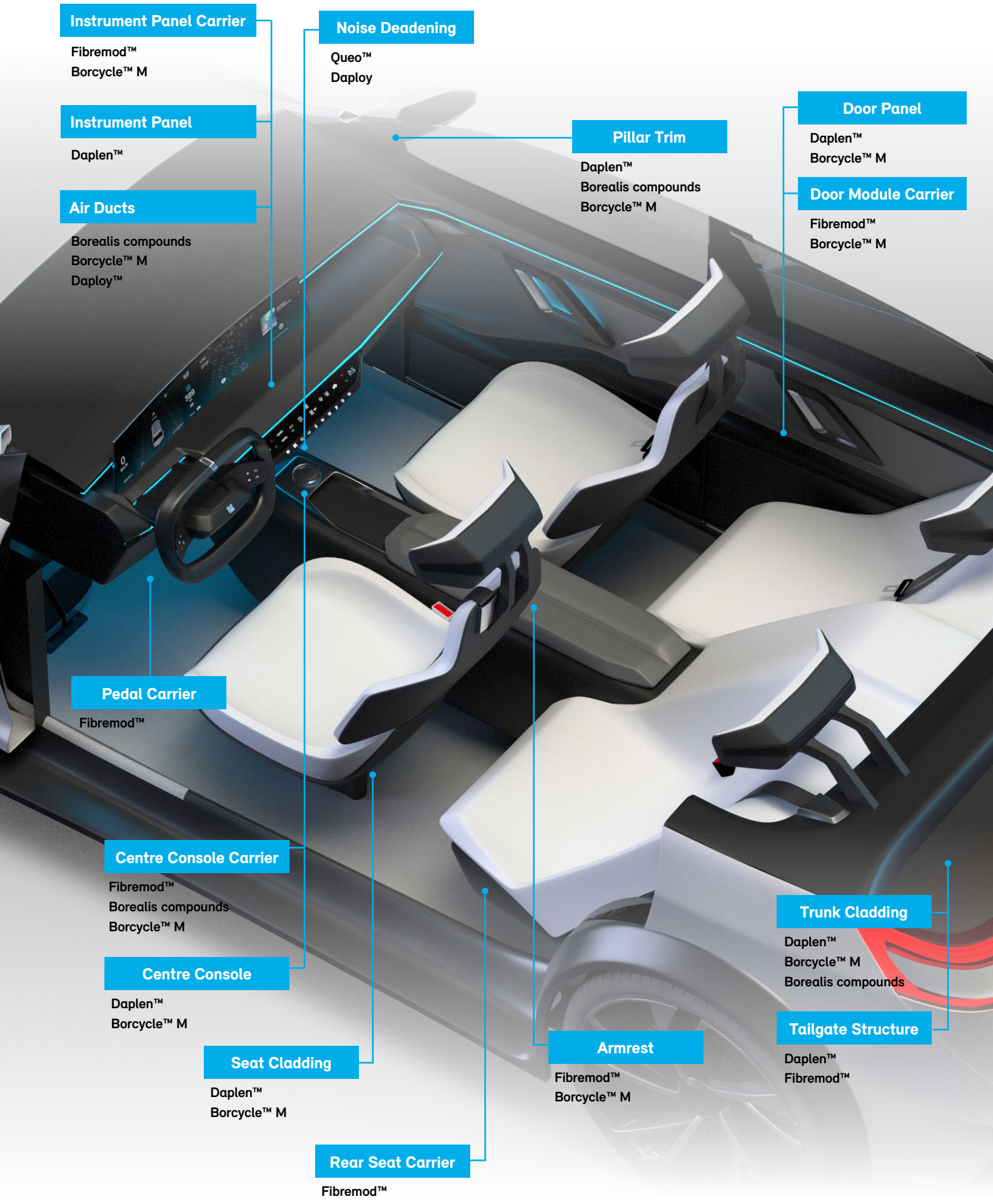
Borealis Interior Solutions for Mobility

Dedicated to Sustainable Mobility

Mobility is a core business segment at Borealis. We apply our specialist knowledge and decades of experience to develop innovative and sustainable polypropylene (PP) and thermoplastic polyolefin (TPO) solutions for a wide range of interior applications, including dashboards, door panels, center consoles, trims, and structural components.

Our comprehensive range of PP and TPO polymers and compounds have precisely balanced and tailored properties to match the specific needs of the mobility industry. They add value by helping manufacturers lower system costs while at the same time maintain the highest performance standards. Crucially, these materials help reduce the amount of material and energy inputs required – a significant boost for sustainability.

The newest additions to the Daplen™, Fibremod™ and Borcycle™ grade portfolios boast the lowest densities in combination with excellent surface aesthetics and high purity. These key features help reduce the material mix in interior applications and increase circularity in the industry.



Instrument Panel Carrier
Fibremod™
Borcycle™ M

Instrument Panel
Daplen™

Air Ducts
Borealis compounds
Borcycle™ M
Daploy™

Noise Deadening
Queo™
Daploy

Pillar Trim
Daplen™
Borealis compounds
Borcycle™ M

Door Panel
Daplen™
Borcycle™ M

Door Module Carrier
Fibremod™
Borcycle™ M

Pedal Carrier
Fibremod™

Centre Console Carrier
Fibremod™
Borealis compounds
Borcycle™ M

Centre Console
Daplen™
Borcycle™ M

Seat Cladding
Daplen™
Borcycle™ M

Rear Seat Carrier
Fibremod™

Armrest
Fibremod™
Borcycle™ M

Trunk Cladding
Daplen™
Borcycle™ M
Borealis compounds

Tailgate Structure
Daplen™
Fibremod™

Powered by Innovation

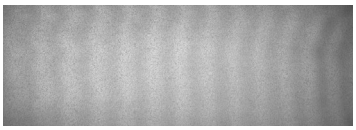
With the steady electrification of the power train and introduction of new mobility solutions, the vehicle interior has become a decisive factor in establishing brand image. The quality of a vehicle is often evaluated on the basis of initial sensory influences – look, touch, and smell. This is why our resins and compounds are developed to ensure a favorable perception of quality, and a comfortable driving experience. They offer ample design freedom to fulfill aesthetic objectives, enabling low gloss, scratch resistant interior trims, and stylish yet robust cladding. On top of pleasing optics and haptics, our material solutions also reduce emissions and odor, and offer non-fogging and sound dampening characteristics.

High Purity
Neutral odor
Low volatiles
Fogging

Surface Quality
Scratch resistance
A-Class surface
Low gloss
Haptics

Physical Properties
High stiffness
Good impact strength
Low density

Easy Processing
High flowability
Wide process window
Shrinkage



Achieving Flawless Surfaces

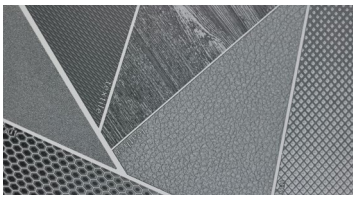
Borealis has launched a number of new grades which offer flow mark-free performance. The innovative and proprietary PP resin on which these grades are based enables the avoidance of flow marks for applications across a very broad processing window.

This allows our customers to increase production output without any compromise in surface quality.

Proven Color Expertise

Whether the interior of a vehicle is perceived to be aesthetically pleasing often depends on color: the impression color makes overall, but also whether color is harmonious and consistent across the various interior parts.

Building on decades of experience in the development of colors and the production of in-mass colored PP and TPO compounds, Borealis offers a range of ready-to-use materials, from very bright to dark, and special effect colors such as metallic. Our production facilities follow the highest quality standards in producing color variations within the narrowest tolerances. We guarantee that every batch is produced in accordance with the respective OEM's color requirements. Borealis production is subject to stringent quality control measures.

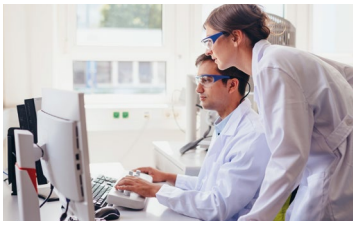


Durability and Good Optics

Maintaining the pleasing look and feel over time of interior components such as dashboards, inner door panels, and pillar trims requires scratch resistant materials that protect against abrasion and marring. Our material solutions for interior applications have been developed specifically to deliver improved grain effect in combination with superior resistance to scratching. Ongoing co-operation with our value chain partners enables us to stay abreast of the most current surface design trends.

Emissions and Odors Under Control

Borealis laboratories are equipped with state-of-the art infrastructure for emissions and fogging testing. Our own odor testing panel is accredited in accordance with current industry standards. The extended quality control in our own production plants also conducts emission testing. Whether using 100% virgin polymer, or a combination of virgin and post-consumer recyclate (PCR) in the formulation, these tools ensure the high purity of our PP and TPO compounds.



State-of-the-Art Modeling and Simulation Support

Starting in the early project phases, our CAED experts use advanced material characterization techniques and state-of-the-art modeling and simulation tools to optimize part design, evaluate tooling concepts, define processing conditions, and simulate part behavior under various loads. This reduces development time for new parts and ensures efficient and stable production processes for our customers.

Reduce Weight

The comprehensive Borealis portfolio of Daplen™ mineral-filled TPO compounds encompasses a wide range of mobility industry standards. With material densities ranging from 0.90 to 1.04 g/cm^3, Daplen™ PP compounds deliver maximum performance at the lowest possible weight. These low-density materials combine excellent aesthetics, purity, and well-balanced mechanical properties to produce mobility parts of high quality. The broad processing window of Daplen™ resins enables the one-shot manufacturing of interior parts with sophisticated designs, complex geometries, and pleasing surface textures.

Daplen™ EG066AI

Daplen™ EG066AI is an elastomer modified PP intended for use in door panel and pillar trim applications. It offers an excellent balance between impact strength and stiffness at lowest possible material density and is available with 75% renewable-based or chemically recycled polymer content by weight.

- High fluidity enables complex part designs
- Premium surface aspect performance
- Lowest material density

Daplen™ EE001AI

Daplen™ EE001AI is a 7% mineral-filled elastomer modified PP compound intended for injection molding. It features an excellent balance between impact strength and stiffness and offers good surface quality and high purity. EE001AI is available in various OEM colors as well as a natural version for self-coloring.

The material can be provided with 50% renewable-based or chemically recycled polymer content by weight.

- Easy processing
- High-end surface appearance
- Excellent scratch resistance with no tackiness

Daplen™ EF098HP

Daplen™ EF098HP is a 10% mineral-filled PP compound with high purity for premium surface appearance. Designed for use in door panels, center consoles, window frames, and tailgate cladding applications, it is available in OEM colors and as a natural version for self-coloring.

The material can be provided with 50% renewable-bases or chemically recycled polymer content by weight.

- Fulfills most stringent VOC, FOG and odor specifications
- Superior surface aesthetics
- High scratch resistance

Save Costs

Fibremod™ glass fiber reinforced PP compounds are a cost efficient and high-performance alternative to conventional metal-based materials, and are particularly suited for structural interior applications such as instrument panel carriers, door modules, and tailgate frames. Fibremod™ resins offer the required strength and durability for complex parts; their easy processability also gives Tier Ones and OEMs greater design freedom. Using Fibremod™ makes it easier to integrate more functionalities into one part. This reduces the complexity of both the part and assembly, thus saving system costs.

Fibremod™ GE277AI

Fibremod™ GE277AI is a 20% chemically coupled, high flow fiber reinforced PP compound which allows for the production of complex part geometries in standard and foam injection molding processes.

The material can be provided with 50% renewable-based or chemically recycled polymer content by weight.

- Enables high flow lengths and low wall thickness
- Easy to weld using different welding technologies
- Results in good foam structure and homogeneous cell sizes in foam injection molding technology

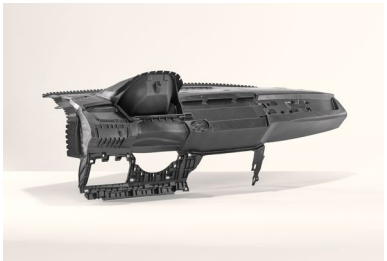
Fibremod™ GB416LF

Fibremod™ GB416LF is a 40% long glass fiber reinforced PP that exhibits outstanding mechanical properties such as high strength and excellent impact behavior. It has been further optimized to allow for the production of visible structural parts with pleasing aesthetics, high scratch and mar resistance, as well as low emission and fogging levels.

GB416LF can be provided with 50% renewable-based or chemically recycled polymer content by weight.

- Allows for filling of complex parts with low injection pressure
- Makes aesthetic trims redundant, thus reducing complexity
- Ready-to-use mass-colored material meets narrow OEM color tolerances on final injection molded part surface

Fibremod™ GB601HP + EE002AE



Fibremod™ GB601HP a 60% long glass fiber reinforced PP compound can be diluted with Daplen™ EE002AE, a high impact strength PP resin to produce highly functional structural parts. This combination is suitable for conventional injection molding and foam injection molding process.

EE002AE can be provided with 75% renewable-based or chemically recycled polymer content by weight.

- Weight reduction
- Lower system costs
- Very good dimensional stability
- Dilution process enhances flexibility

Improve Sustainability

Whether for interior, exterior, electric powertrain, or UTB: Borealis and Borouge offer a range of more sustainable mineral-filled and glass fiber reinforced solutions. These enable the use of higher amounts of recyclate in the respective part; produce more easily recyclable applications; and enable the substitution of circular materials for conventional polyolefins, thereby enhancing the environmental footprint of the final product.

Mineral-filled polypropylene (PP) compounds with post-consumer recycled polymer content

Borcycle™ EE1300SY

Borcycle™ EE1300SY is a 15% mineral-filled PP compound containing 30% PCR content by weight. Offering an excellent balance between impact strength and stiffness, EE1300SY is used to manufacture parts with outstanding optics as well as excellent scratch and mar resistance. It is validated according to the relevant OEM standards and meets stringent emissions, fogging and odor specifications. EE1300SY is available in standard dark to bright OEM colors.

- 30% PCR content by weight
- Enables CO_2 footprint reduction
- Easy processing
- OEM validated

Borcycle™ MG1416SY

Borcycle™ MG1416SY is a 10% mineral-filled PP compound containing 40% PCR polymer. It is designed to match OEM requirements for aesthetic interior applications like pillar trims or trunk claddings.

MG1416SY is available in standard dark to bright OEM colors.

- 40% PCR content by weight
- Lower CO_2 footprint compared to virgin material solutions
- Fulfills high aesthetic quality requirements
- Good flowability

Glass fiber reinforced PP compounds with post-consumer recycled polymer content

Borcycle™ GE2331SY

Borcycle™ GE2331SY is a 20% glass fiber reinforced PP compound containing 40% PCR. Intended for use in injection molding of non-visible interior parts like instrument panel or center console carriers, GE2331SY fulfills premium OEM emissions, fogging, and odor requirements.

- 40% PCR content by weight
- Near-virgin performance properties
- Good flowability enables complex part geometries
- Suitable for foam injection molding

Borcycle™ GD3600SY

Borcycle™ GD3600SY is a 30% glass fiber reinforced PP compound containing nearly 70% PCR polymer. Intended for use in injection molding of non-visible parts like center console carriers, GD3600SY offers an excellent stiffness/impact balance while maximizing the use of recycled polymers.

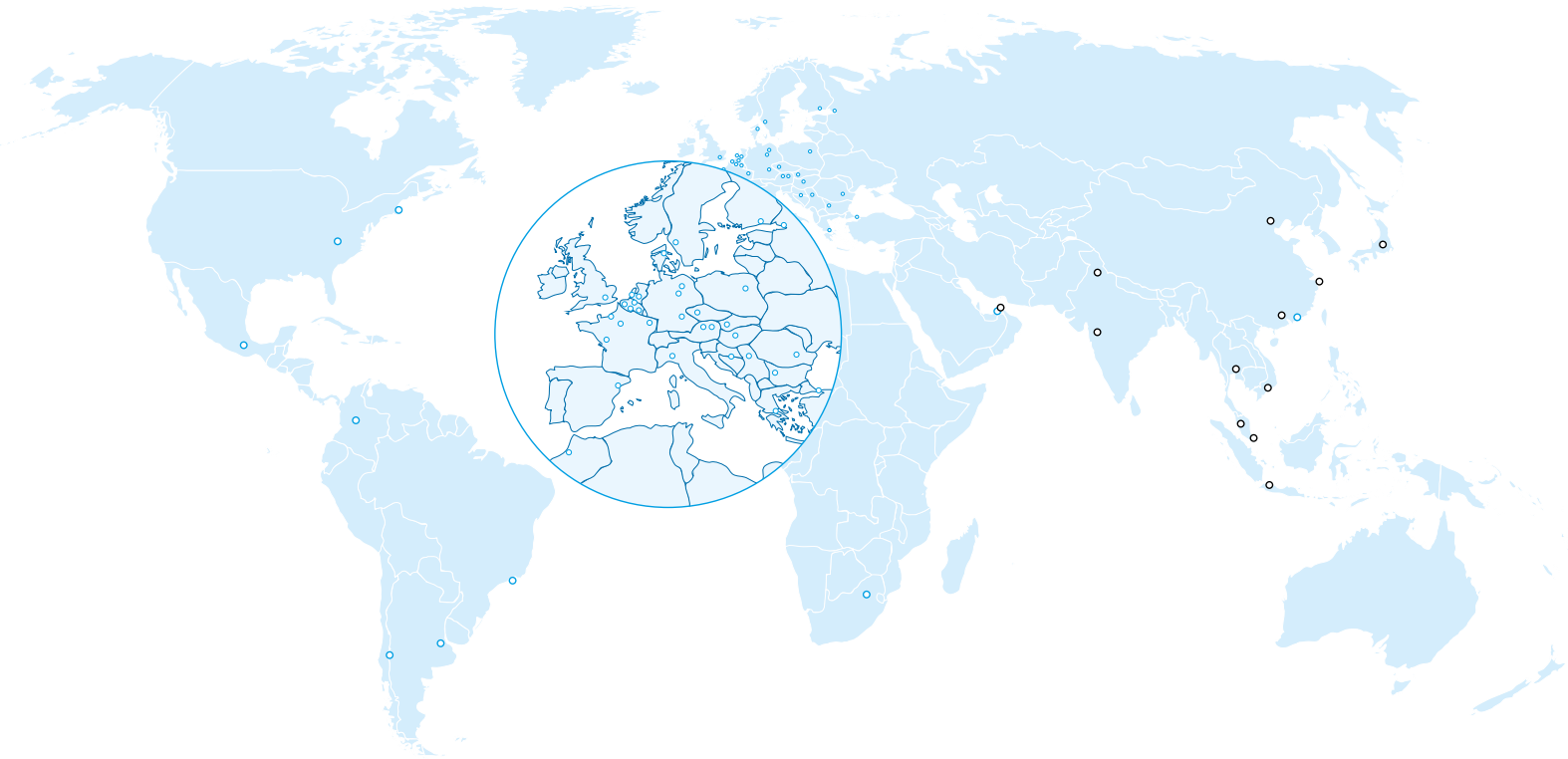
- 68% PCR content by weight
- Good flowability
- Good impact behavior

The purpose of the pictures on this page are of representational nature only.

Access Globally

In re-inventing essentials for sustainable living, we are building on our commitment to safety, our people, innovation and technology, and performance excellence. We are accelerating the transformation to a circular economy of polyolefins and expanding our geographical footprint to better serve our customers around the globe.

With operations and development centers in the Americas, Europe, Middle East and Asia, we are close to where you are. Offering both, global solutions with aligned performance across regions, and solutions that are tailor made to the specifics of local markets.



○ – Borealis Locations

Head Office Borealis AG
Austria

Customer Service Centers
Austria, Belgium, Brazil, Finland, France, Hungary, Turkey,
United States

Production Plants
Austria, Belgium, Brazil, Finland, France, Germany, Italy, Sweden, The Netherlands, United States

Innovation Centers
Austria, Finland, Sweden

Sales Offices/Representative Office
Argentina, Chile, China, Colombia, Czech Republic, Denmark, France, Hong Kong, Mexico, Morocco, Poland, Russia, South Africa, Spain, Turkey, UAE, UK

Borealis L.A.T Locations
Austria, Bulgaria, Croatia,
Czech Republic, France, Greece, Hungary, Romania, Serbia, Slovakia

Borealis Rosier Locations
Belgium, The Netherlands

○ – Borouge Locations

Head Offices
Singapore, UAE

Innovation/Application Centers
China, UAE

Production Plants
China, UAE

Sales Offices/Representative Offices
China, India, Indonesia, Japan, Singapore, Thailand, UAE, Vietnam

Logistics Hubs
China, Malaysia, Singapore, UAE

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Circular Economy Solutions for Mobility

Join the Circular Revolution!

We can work together to make mobility more circular. Our ever-expanding range of circular material solutions can help you meet your own sustainability targets – without having to compromise on quality or performance.

Choose material solutions based on circular or renewable feedstock instead of fossil fuel-based feedstock.
As reliable partners, Borealis and Borouge are putting their expertise to work to ensure the secure and ample supply of high-quality circular materials on the market. We are committed to increasing the volume of circular materials and solutions we offer to 600 kilotons (kt) in Europe by 2025, and to 1.8 million kt globally by 2030.

Maintain premium part performance.
Our circular solutions offer high purity standards and are compliant with industry standards with regard to odor, emissions, and fogging. They also consistently deliver when it comes to aesthetics, including paintability, light and dark color matching, Class-A surfaces, and more.

Use less virgin material but still maintain lighter weight.
Lightweight and low-density materials used in a broad spectrum of mobility applications can be made even more sustainable by replacing virgin materials with grades from our Borcycle™ or Bornewables™ portfolios. Our circular solutions can substitute for virgin materials – both polyolefins and non-polyolefins – in any number of high-end mobility parts. In many instances, the foaming process can be used to reduce weight even further.

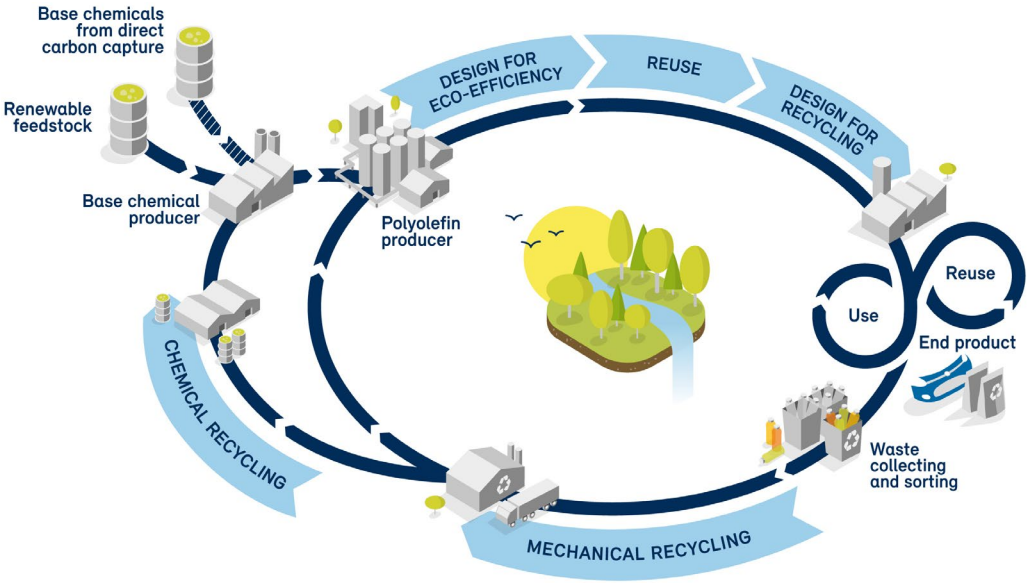
Increase the amount of recycled content in mobility applications.
The transformative Borcycle™ technology is advancing thanks to our innovation expertise in combination with value chain collaboration. By working together, we are unlocking the potential of recycled material by increasing the percentage of post-consumer recycle (PCR) content by weight in applications while maintaining stringent performance requirements such as impact/stiffness balance as well as paintability and surface aesthetics.

Facilitate easier recyclability of mobility applications.
Part of our vision for a circular economy of plastics entails the development of PP monomaterials which are more easily recycled, and produce higher quality recyclate. Our innovation efforts are focused on design for recyclability and efficiency. Advanced testing facilities at our Innovation Headquarters in Linz, Austria, offer state-of-the-art modeling and simulation, and can assist you in testing the limits of circular materials.

The Borealis Circular Cascade Model

Polyolefin plastic materials are versatile resources that should be reclaimed and reused. Because plastics are too valuable to ever be wasted, Borealis is committed to driving the transformation to a circular economy of plastics.

The **Borealis circular cascade model** depicts the diverse ways in which plastics can be kept in the loop: from renewable feedstocks to design for eco-efficiency; from design for recycling, to mechanical and chemical recycling – and then back to renewable feedstocks to close the circle. We use our polyolefins expertise to develop and implement innovative circular economy solutions with added value for our customers in all industry sectors, including mobility.



Borcycle™ – Our technology for recycling polyolefin waste into new plastics

Borcycle™ is one example of how we are accelerating towards circularity. This evolving technology uses recycling processes to transform polyolefin-based, post-consumer waste streams into new and value-adding solutions for demanding applications. **Borcycle™ M** grades are designed to fulfill the most stringent requirements, from stiffness/impact balance to processability, from paintability to good surface aesthetics. In short: our Borcycle™ M portfolio of mechanically recycled grades offers high material quality, but with a lower carbon footprint.

The virgin-level grades found in the **Borcycle™ C** family of chemically recycled solutions are fit for the most demanding applications, including food-contact and healthcare. Borcycle™ C grades are drop-in solutions and ISCC PLUS certified. This means that the origins of these circular materials can be tracked and traced along the entire supply chain.

The Bornewables™ – Premium polyolefin products manufactured with renewable feedstocks

The **Bornewables™** portfolio of circular polyolefin products is another way in which Borealis is providing its customers and partners ever more sustainable alternatives to fossil fuel-based polyolefins. Bornewables™ grades are made of renewable-based feedstock derived entirely from waste and residue streams such as used cooking and vegetable oil (and thus not in competition with the food chain). The ISCC PLUS accreditation of Bornewables™ grades is based on the mass balance method that allows the customer to track and quantify the effective renewable content at each manufacturing step. By using Bornewables™ grades, our customers can replace fossil fuel-based feedstock with an identical volume of sustainably sourced, renewable feedstock – without extra switching costs, and while maintaining the same high application quality.

Materials for Interior Solutions

Grade	Density [kg/m³] ISO 1183	MFR 230 °C/2.16 kg [g/10 min] ISO 1133	Flexural modulus [MPa] ISO 178	Tensile strength (50 mm/min) ISO 527-2	Impact, charpy notched 23 °C [kJ/m²] ISO 179/1eA	Impact, charpy notched −20 °C [kJ/m²] ISO 179/1eA	HDT B (0.45 MPa) [°C] ISO 75-2	Typical applications
Polypropylene copolymer								
BG055AI	920	22	1850	35	3.5	1.5	108	Air ducts, climate control housings
BE677AI	905	14	1450	26	8	4	100	Pillar trims, map pockets
Polypropylene copolymer high impact								
Daplen™ EG069AI	905	22	1000	20	-	8	83	Door panels and pockets, pillar trims
Polypropylene copolymer mineral filled								
MG160AI	985	22	1950	25	7	3.5	110	Interior trims, pillar trims
Borcycle™ MG1416SY	985	20	1900	24	7	2	100	Pillars trims, tailgate claddings,Interior trims,
MF169AI	990	18	2200	26	7	2	107	Door module carriers, structural interior parts
Borcycle™ MG1400SY	1000	24	2200	26	6	2	-	Door module carriers, structural interior parts
ME266U	1050	12	2600	28	5	2	115	Structural interior parts
ME268AI	1050	12	2400	26	6	2	115	Interior trims, pillar trims
MG255AI	1060	22	3100	32	2.5	1.6	125	Air ducts, Air conditioning parts, under the bonnet parts
MG266AI	1050	30	2600	26	5	2	115	Interior trims
Polypropylene homopolymer mineral filled								
MD231U	1050	6	3300	36	3	1.2	125	Interior parts, climate control parts
ME212U	1050	13	3100	32	3	2	120	Interior parts, climate control parts, heater housing
PS65T20	1040	23	2700	32	3	2	110	Door inserts, claddings
MG258AI	1060	23	2500	30	3	2	120	Interior structural parts, interior trims

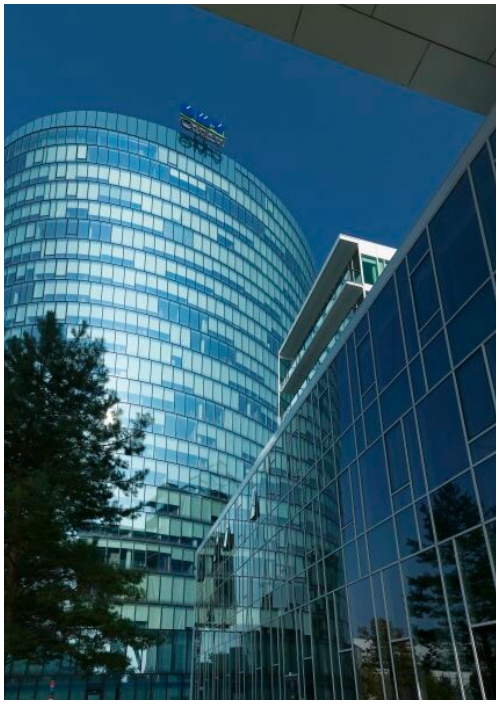
Grade	Density [kg/m³] ISO 1183	MFR 230 °C/2.16 kg [g/10 min] ISO 1133	Flexural modulus [MPa] ISO 178	Tensile strength (50 mm/min) ISO 527-2	Impact, charpy notched 23 °C [kJ/m²] ISO 179/1eA	Impact, charpy notched −20 °C [kJ/m²] ISO 179/1eA	HDT B (0.45 MPa) [°C] ISO 75-2	Typical applications
TPO Compounds								* tested on 3 mm thick tensile bars
Daplen™ EG066AI	905	22	1000	20	-	8	83	Door panels and pockets, pillar trims
Daplen™ EE001AI	940	12	1400	20	-	5	92	Door panels and pockets, pillar trims, trunk claddings
Daplen™ EG059AI	950	20	1500	19	30	4	95	Door panels and pockets, pillar trims
Borcycle™ EE0300SY	950	12	1400	21	40	5	92	Door panels and pockets, pillar trims
Daplen™ EG163AI	960	20	1300	18	45	6	85	Interior trims, pillar trims, tailgate claddings
Daplen™ EE058AI	970	12	1600	21	-	4	94	Centre console, glove box, pillar trims, lower dashboard
Daplen™ EF098HP	970	20	1800	22	-	4	96	Door panels and pockets, window frames, center console, trims
Daplen™ EG110AI	980	20	1750	19	50	7.5	100	Dashboards, center console, door panels
Daplen™ EG108AI	985	22	1650	19.5	40	5.5	-	Dashboards, center console, door panels, trims
Daplen™ EE168AI	990	14	1750	20	25	5	97	Dashboards, door claddings
Daplen™ EE142AI	1000	12	1800	22	40	5	102	Foamed tailgate cladding, center console, interior trims
Daplen™ EE188AI	1030	11	1750	21	16	3.5	95	Door panel, dashboards, pillar trims
Daplen™ EE189HP	1000	13	1700	20	30	4	94	Door claddings, tailgate claddings, center console
Borcycle™ EE1300SY	1000	13	1750	21	25	4	92	Door panels and pockets, pillar trims, trunk claddings
Daplen™ EF184AI	1000	16	1450	20	55	8	92	Foamed door panels and pockets, interior trims
Daplen™ EH142AI	1000	32	1650	20	25	5	102	Foamed tailgate cladding, interior trims
Daplen™ EF150AI	1010	22	1900	23	29	4.5	105	Door claddings, interior trims
Daplen™ EF164AI	1020	16	1850	22	10	-	97	Dashboards, door claddings, center console
Daplen™ EF198HP	1020	17	2000	22	20	4	95	Dashboards, center console, door panels, trims
Daplen™ EE250AI	1040	13	1850	20	25	3	94	Glove box, center consoles, seat covers, trims
Daplen™ EG251AI	1050	18	1750	20	22	3	95	Dashboards, glove box, door panels and pockets
Daplen™ EF261AI	1040	18	1700	18	50	5	94	Dashboards, door claddings
Daplen™ EF267AI	1040	16	2400	27	6	2.5	105	Door panels and pockets, center consoles, interior trims
Daplen™ EG265AI	1040	21	1750	17	55	5	94	Dashboards, door claddings

Grade	Density [kg/m³] ISO 1183	MFR 230 °C/2.16 kg [g/10 min] ISO 1133	Flexural modulus [MPa] ISO 178	Tensile strength (50 mm/min) ISO 527-2	Impact, charpy notched 23 °C [kJ/m²] ISO 179/1eA	Impact, charpy notched –20 °C [kJ/m²] ISO 179/1eA	HDT B (0.45 MPa) [°C] ISO 75-2	Typical applications
Short glass fibre reinforced polypropylene								
Fibremod™ GF027SF	920	18.5	1650	34	7	-	146	Structural interior parts, integrated air ducts
Borcycle™ WE1255SY	980	12	3000	-	3.5	-	146	Airducts, HVAC housing
Fibremod™ GB205U	1040	2	4400	80	10	8	154	Centre console carriers, technical components exposed to heat
Fibremod™ GE277AI	1040	12	4200	85	11	10	155	Instrument panel carriers, structural interior parts
Borcycle™ GE2331SY	1050	9	4100	64	7	5	155	Instrument panel carriers, center console carrier and other structural parts
Fibremod™ GB311U	1120	2	6200	100	11	9	159	Air filter housings, head lamp housings, technical components
Fibremod™ WD300UB	1130	5	4700	60	8	6.4	160	Air filter housing, structural interior parts
Fibremod™ WE380HP	1130	10	4400	60	11	9	155	Dashboard, engine covers, structural carriers
Fibremod™ GD310U	1130	10	6200	105	10	9	162	Fans and shrouds, Interior structural carriers
Borcycle™ M GD3600SY	1140	6.5	5600	75	8.5	-		Bumper brackets, head lamp housing, center console carrier
Fibremod™ GD302HP	1140	4	5100	65	25	15	150	Rear seat structures, structural components
Fibremod™ GD301FE	1140	4	6500	105	12	10	158	Pedal carriers, front-end carriers, lower bumper stiffeners
Fibremod™ GD301HP	1160	5	7400	105	9.5	9	160	Door module carrier, fans and shrouds, pedal carrier
Fibremod™ GC420SF	1140	7.5	6000	80	23	-	160	Dashboard carrier, interior structural parts
Fibremod™ GB477HP	1230	2.5	9000	127	12	11	163	Front-end carriers, gear housings, pedal carriers, tank hinges
Fibremod™ GD577SF	1350	3	11300	160	11	-	-	Front-end carriers, pedals, cross beam, structural parts
Long glass fiber reinforced polypropylene								
Fibremod™ GB215HP	1040	-	4600	105	20	20	154	Instrument panel carrier, door module carrier, structural carriers
Fibremod™ GB303HP	1120	-	6500	125	20	20	165	Door module carrier, structural carriers, technical components
Fibremod™ GB402HP	1240	-	8400	140	28	32	166	Frontend modulus, tailgate carriers, structural carriers
Fibremod™ GB416LF	1230	-	9000	170	28	-	160	Interior structural parts with aesthetic requirements
Fibremod™ GB601HP	1470	-	15000	170	25	25	165	Long glass fiber concentrate for structural components
Dilution polymers for long glass fiber reinforced polypropylene								
BJ400HP	908	100	1500	28	4	2	95	Front end modules, instrument panel carrier
HK060AE	905	125	1550	35	1	0.9	91	Front end modules, door module carrier
EE002AE	905	11	1000	20	65	9	76	Instrument panel carriers


BOREALIS

Borealis at a Glance

Borealis is one of the world's leading providers of advanced and sustainable polyolefin solutions. In Europe, Borealis is also an innovative leader in polyolefin recycling and a major producer of base chemicals. We leverage our polymer expertise and decades of experience to offer value-adding, innovative and circular material solutions for key industries such as consumer products, energy, healthcare, infrastructure and mobility.



With customers in over 120 countries and head office in Vienna, Austria, Borealis employs around 6,000 people. In 2023, we generated a net profit of EUR 216 million. OMV, the integrated energy, fuels & feedstock and chemicals & materials company headquartered in Vienna, Austria, owns 75% of our shares. The Abu Dhabi National Oil Company (ADNOC), based in the United Arab Emirates (UAE), owns the remaining 25%.

In re-inventing essentials for sustainable living, we build on our commitment to safety, our people, innovation and technology, and performance excellence. We are accelerating the transformation to a circular economy of polyolefins and expanding our geographical footprint to better serve our customers around the globe. Our operations are augmented by two important joint ventures: Borouge (with ADNOC, headquartered in the UAE); and Baystar™ (with TotalEnergies, based in the US).

In affirming our aim to be a global leader in advanced and sustainable chemicals and material solutions, the Borealis Strategy 2030 puts sustainability at the core of all our current and future operations. We have set ambitious sustainability targets for our Polyolefins and Hydrocarbons businesses with regard to greenhouse gas emissions, energy use, flaring, and circular economy products and solutions.

For more information on our Borealis Strategy 2030 go to: Re-inventing essentials for sustainable living

As a responsible petrochemicals company, Borouge believes that achieving a zero-waste circular economy of plastics calls for strong and concerted action on the part of the industry, governments, consumers, and society. For more information on how Borouge is accelerating the transition to the circular economy, go to: Borouge Sustainability Circular Economy

Worldwide
Operating on five continents in 120 countries, with Head Office in Vienna, Austria

Key Financial Figures
In 2023, net profit of EUR 216 million generated

Market Position
Ranked 2nd among polyolefin producers in Europe and 8th worldwide

Recycling
Five polyolefin recycling operations in Europe

Employees
6,000 Employees worldwide

R&D
128 Priority patents filed in 2023

Ownership Structure
OMV (Austria) holds 75% and ADNOC (United Arab Emirates) holds 25%

Joint Ventures
Borouge (with ADNOC, the Abu Dhabi National Oil Company, in Abu Dhabi, UAE) and Bayport Polymers (with TotalEnergies in Texas, US)

Business Areas
Production and distribution of advanced and circular polyolefin solutions and base chemicals

Moving ahead together with Borealis Mobility

For over 50 years, Borealis has been a leading supplier of innovative polyolefin solutions for the mobility industry. Our specialized compounds are engineered for a range of demanding applications, including vehicle Interiors and Exteriors, e-Powertrain systems, and Under-the-Hood components.

At the core of this portfolio is our proprietary Borstar® technology, which forms the foundation for our high-performance, cost-effective, and lightweight polypropylene materials that can substitute conventional materials like engineering plastics and metal.

Our EverMinds™ commitment to accelerating action on circularity is evident in our circular portfolios, which help reduce the carbon footprint of vehicles without compromising performance. This includes the Bornewables™, based on renewable feedstock, Borcycle™ M, derived from advanced mechanically recycled materials, and Borcycle™ C, based on chemically recycled feedstock The circular content in the Bornewables™ and Borcycle™ C materials is attributed using a mass balance approach, which is ISCC PLUS certified. This certification guarantees traceability throughout the supply chain, giving you and your customers confidence in their sustainability credentials.

As the mobility industry evolves, Borealis continues to deliver innovation where it counts – in compounds that make vehicles safer, more efficient, and more sustainable for everyone.

Borealis AG
Trabrennstraße 6–8, 1020 Vienna, Austria
Tel +43 1 22 400 000
borealisgroup.com

Borouge Pte Ltd Sales and Marketing Head Office
1 George Street #18–01 Singapore 049145
Tel +65 6 27 541 00
borouge.com