

## Polypropylene PP Y20-01



The product contains post-industrial recycled material and this confirmation is based on a risk assessment supported by analytical data generated in our testing program.

We confirm that during manufacturing of this product we do not use or intentionally add any of the chemicals restricted by the following regulations and standards and their subsequent amendments in amounts which exceed the applicable limits.

- **Annex XVII** of the REACH Regulation **1907/2006/EC** - Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles - when used for intended applications as described in Product Data Sheet
- **Annex XIV** of the REACH Regulation **1907/2006/EC** - List of substances subject to authorisation
- Directive **2000/53/EC** (End of life vehicles - ELV) - Cr(VI), Hg and Pb < 0.1 wt%, Cd < 0.01 wt%
- Directive **2011/65/EU** (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment - RoHS) and all other RoHS legislations worldwide that restrict some or all of the following substances - Pb, Hg, Cr(VI), PBB, PBDE, DEHP, BBP, DBP, DIBP < 0.1 wt%, Cd < 0.01 wt%
- Directive **2012/19/EU** (Waste Electrical & Electronic Equipment - WEEE) - Annex VII - No ingredients used which require selective waste treatment
- Regulation (EU) **2024/590** on Substances that deplete the ozone layer, repealing 1005/2009/EC
- **US Clean Air Act**, Title VI, Classes I and II (EPA Final Rule; Federal Register 8136, 11.2.1993) on substances that deplete the ozone layer
- Regulation (EU) **2019/1021** on persistent organic pollutants (POPs)
- Swiss **SR 814.018** (Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen - VOCV) - VOC's according to Annexes 1 & 2 < 3 wt%
- Japanese CSCL; Class I or II Specified Chemical Substances

# Polypropylene

## PP Y20-01

Regarding classification of the above product according to REGULATION (EC) No 1272/2008 and its subsequent amendments, reference is made in the SDS/PSIS for the above product.

The below listed substances are not used or intentionally added during manufacturing of the product. However, they may occur as unexpected impurities from the post-industrial recycled raw material but are, based on our risk assessment, not expected to exceed 0.1%(wt) or applicable classification limits.

Acrylamide	Formaldehyde or formaldehyde releasers
Aromatic Amines (restricted in Regulation 1907/2006/EC, Annex XVII)	Fragrances
Artificial Musks	Furfural
Asbestos	Glyoxal
Azocolorants (restricted in Regulation 1907/2006/EC, Annex XVII)	Isocyanates, polyurethanes
Azodicarbonamide, semicarbazide	Mechanically recycled materials
Benzophenones (e.g. 4-MBP, 4-HBP, 2,2'-Dimethoxy-2-phenylacetophenone)	Melamine, Cyanuric acid
Biocides (Pesti-, Herbi-, Insecti-, Fungi-, Bactericides)	Mica
CFC, HCFC	Natural rubbers, Latex
Colophony (rosin)	Octyl- and Nonylphenols and Octyl- or Nonylphenoethoxylates; TNPP
4,4'- Diaminodiphenylmethane (MDA)	Organotin compounds
Di-2-ethyl-hexyl maleate (DEHM)	Oxo-degradable additives
Dimethylfumarate (DMF), Dibutylfumarate	Parabens
1,4-Dioxane	Plasticisers (e.g. Adipates, ESBO, NETSA, Phthalates*)
Elements: Arsenic, Beryllium, Bismuth, Gold, Indium, Lanthanides, Palladium, Selenium, Silver, Tellurium, Thorium, Tin, Tantalum, Tungsten	Polychlorinated Bi-, Terphenyls and Naphthalenes
Heavy metals: Cadmium, Chromium (VI), Lead, Mercury	Polychlorinated dibenzodioxins and dibenzofurans
2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams	Radioactive substances
Flame retardants (halogenated or phosphorus based)	Resorcinol
	Styrene, Polystyrene
	Thiuram mix
	Tri-tert-butylphenol
	UV-hardeners (e.g. ITX, Titanyl-acetylacetone)
	Vinylchloride, Vinylidenechloride, PVC, CPVC or PVDC

\*) DEP, DEHP or DIBP may be used in the catalyst system, which may result in traces of these phthalates in the product, typically in concentrations below 1 ppm.

# Polypropylene

## PP Y20-01

The ingredients of the above product, and if applicable the basic polymer(s), are either listed or exempted in the following chemical inventories:

Australia/AIICS  
Canada/DSL  
China/IECSC  
Europe/EINECS or ELINCS or NLP  
Japan/ENCS and ISHL  
Korea/KECL  
New Zealand/NZIoC  
Philippines/PICCS  
Taiwan/TCSI  
USA/TSCA (all relevant ingredients designated as active)

**Prepared by** Borealis, Group Product Stewardship

### Disclaimer

Recycled plastics are subject to material inconsistencies. mtm makes no warranties which extend beyond the description contained herein and to the best of our knowledge, the information is accurate and reliable as of the date of publication. Because of the multitude of possible influences during the use and application of our products, the information included does not release customers and users from the obligation to examine and test them carefully. Please note that nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose as mtm do not know the origin of the product. Where necessary, the customer is recommended to obtain a feedstock release from the customer. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of any mtm product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above. The product(s) mentioned herein are not intended to be used for food contact, drinking water contact, medical, pharmaceutical or healthcare applications and we do not support their use for such applications. Otherwise, our General Terms and Conditions of Sale apply.