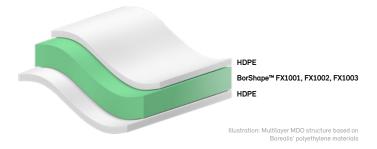


PRODUCT NEWS

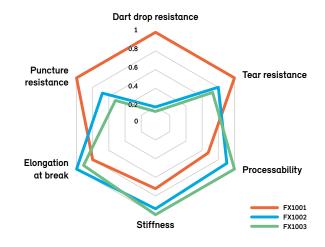
Key benefits of BorShape[™] for machine direction orientation (MDO)

- Reliable process consistency at high stretch ratios
- Optimal MD modulus for printability and film flatness, ensuring excellent film quality
- Increased thermal resistance and speed on packaging lines
- Very low gel level

Properties	BorShape FX1003 - based MDO
Tens Mod/MD (Mpa)	2450
Tens Mod/TD (Mpα)	2335
Tear/MD (N)	43
Tear/TD (N)	55
Haze (%)	7
Gloss at 45°	75
CoF (dynamic)	0.5



BorShape™



Туре	Grade	Density (Kg/m3)	MFI (190°C/2.16kg) (g/10min)	Key attributes
Bimodal Terpolymer	BorShape™ FX1001	933	0.2	Good stiffness/toughness balance
	BorShape™ FX1002	937	0.5	Good mechanical performance and excellent processablity
Trimodal Terpolymer	BorShαpe™ FX1003	941	0.35	Good stiffness, mechanical performance, and thermal resistance, along with improved processability
Bimodal Terpolymer	Anteo™ FK1820	941	1.5	Improved tear performance, excellent processabillity, and enhanced film appearance
HDPE	MB5568	956	0.8	Excellent optics and stiffness

Borealis and Borouge packaging solutions are making everyday life easier

date of issue: July 2024

Trabrennstr. 6-8, 1020 Vienna, Austria Tel +43 1 22 400 000 · Fax +43 1 22 400 333

Borouge Pte Ltd Sales and Marketing Head Office 1 George Street 18-01, Singapore 049145



