



Hifax TRC 2044X BLACK

Compounded Polyolefin

Product Description

Hifax TRC 2044X BLACK is a 13% talc filled elastomer modified PP, with high melt flow rate, excellent impact/stiffness balance, very good processability and paintability. Please contact Lyondellbasell for shrinkage recommendations. The product is available in black color, pellet form.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Product Characteristics

Status	Under Industrialization
Processing Method	Injection molding
Features	High melt flow rate, impact/stiffness balance, processability, paintability, low CLTE (Coefficient of Linear Thermal Expansion). Low density contributes to reduction of final part weight.
Typical Customer Applications	Used for automotive painted bumper, as well as automotive exterior trims.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	25	g/10 min
Density (23 °C)	ISO 1183-1/A	0.97	g/cm ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1600	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	N.B.	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	5	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	53	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

