

Hifax TRC 280X BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TRC 280X black is a high melt flow, 30% mineral filled, medium impact, low shrinkage, polypropylene copolymer. The product is designed especially for injection moulding. It exhibits a high stiffness and medium impact strength, suitable for exterior body panels and other exterior/interior applications. This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Features	Good Processability		
	High Flow		
	High Stiffness		
	Impact Copolymer		
	Medium Impact Resistance		
	Non-Toxic		
	Paintable		
Uses	Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Average Shrinkage ¹	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	2.0	kJ/m²	
23°C	10	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	61.0	°C	ISO 75-2/A
NOTE			
1.	Laboratory Plaques		

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