

Technical Data Sheet

Hifax TRC 280X BLACK

Polypropylene Compounds

Product Description

Hifax TRC 280X BLACK is a 30% talc filled PP copolymer, with high stiffness, good impact resistance, low CLTE and low shrinkage.

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

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Stiffness; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	1.14	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2600	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	22	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	10	kJ/m ²	ISO 179-1/1eA
(-40 °C)	1.5	kJ/m ²	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	10	kJ/m ²	ISO 180/1A
(-40 °C)	2	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2