

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.

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

Notes

These are typical property values not to be construed as specification limits.

