

Technical Data Sheet

Hifax TRC 432X BLACK

Polypropylene Compounds



Product Description

Hifax TRC 432X BLACK is a 20% talc filled PP copolymer, with high flowability and good impact/stiffness balance. The product is available in black color, pellet form.

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2400	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	32	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	12	kJ/m ²	ISO 180/1A
(-30 °C)	3.5	kJ/m ²	ISO 180/1A
Thermal			
Vicat Softening Temperature, (B50)	60	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2

