

Technical Data Sheet

Hifax TRC 779X 1 BLACK



Polypropylene Compounds

Product Description

Hifax TRC 779X 1 BLACK is a 20% talc filled PP copolymer, with high melt flow, good paintability, excellent impact/stiffness balance and processability. Product is available as a customized color matched, pellet form. This grade is delivered in black color version.

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

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; High Flow; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	24	g/10 min	ISO 1133-1
Density, (23 °C)	1.02	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1700	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	16	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	54	kJ/m ²	ISO 179-1/1eA
(-30 °C)	6.3	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	123	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	51	°C	ISO 75A-1, -2