

Technical Data Sheet

Hifax TRC 779P E 1750

Polypropylene Compounds

Product Description

Hifax TRC 779P E 1750 is a 20% talc filled PP copolymer, with high UV resistance and excellent processability. Product is available as a customized color matched, pellet form. This grade is delivered in 1750 anthracite color version.

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

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; Good UV Resistance

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)	1.05	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)	17	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	90	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	55	kJ/m ²	ISO 179-1/1eA
(-30 °C)	5.5	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	128	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	52	°C	ISO 75A-1, -2