

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.

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

Notes

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

