

Technical Data Sheet

Hostacom TRC 483N NA 5NPF Gray S



Polypropylene Compounds

Product Description

Hostacom TRC 483N NA 5NPF Gray S is a 19% talc-reinforced TPO with speckled effect fibers for automotive interior injection molding applications. It has a strong balance of impact and stiffness, UV stability, and high scratch resistance. This grade is for molding decorative interior parts, such as door trim panels, that require strong impact resistance, stiffness, and resistance to scratching and marring. Hostacom TRC 483N NA grades are available in the natural resin color or color-matched with various OEM colors.

Application	Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; High Impact Resistance; High Rigidity; Scratch Resistant; UV Stabilized

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	19	g/10 min	ISO 1133-1
Density, (23 °C)	1.03	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1580	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	16.5	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	31	kJ/m ²	ISO 179
(-40 °C)	3.8	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	52	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.