Hostacom TRC 483N NA

Compounded Polyolefin

Product Description

Hostacom TRC 483N NA medium high melt flow, 1,700 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact and scratch and mar resistance. It was designed primarily for molded-in-color, high impact interior applications such as seamless airbag (laser scored) instrument panels, instrument panel components, and other interior trim applications.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Colorability, Good Flow, Low Gloss, High Impact Resistance , Good Moldability , Scratch Resistant, High Stiffness
Typical Customer Applications	Instrument Panels, Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	13.5	g/10 min
Density (23°C)	ISO 1183	1.02	g/cm³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18.5	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	9	%
Flexural modulus (23 °C)	ISO 178	1700	MPa
Impact			
Charpy notched impact strength	ISO 179		
(-40°C)		6	kJ/m²
(23°C)		65	kJ/m²
Thermal			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	52	°C
CLTE, Flow (-30°C to +100°C)	ISO 11359-1, -2	5.2 E-5	mm/mm/°C
Additional Information			
Mold shrinkage	ISO 294-4		