Hostacom TRC 104N

Compounded Polyolefin

Product Description

Hostacom TRC 104N high melt flow, >1,750 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed as a globally available grade primarily for automotive instrument panels and other interior applications.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Pleasing Surface Appearance, Good Moldability , Good Processability
Typical Customer Applications	Instrument Panels, Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	22	g/10 min
Density (23 °C)	ISO 1183	1.04	g/cm³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19.5	MPa
Tensile Strain at Break (23 °C)	ISO 527-1, -2	>80	%
Flexural modulus (23 °C)	ISO 178	>1750	MPa
Flexural Stress (23 °C)	ISO 178	>28.0	MPa
Impact			
Notched izod impact strength	ISO 180		
(-30 °C)		>2.0	kJ/m²
(23 °C)		>20	kJ/m²
Hardness			
Rockwell Hardness	ISO 2039-2	>60	
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	106	°C
Additional Information			
Mold shrinkage	ISO 294-4		