Hostacom TRC 787N 1 Natural

Compounded Polyolefin

Product Description

Hostacom TRC 787N 1 Natural high melt flow, 1,850 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 automotive instrument panels.

Product Characteristics

Status	Development
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

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	21	g/10 min
Density (23°C)	ISO 1183	1.04	g/cm³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	7	%
Flexural modulus (23 °C)	ISO 178	1850	MPa
Impact			
Notched izod impact strength	ISO 180		
(- 30 °C)		6.6	kJ/m²
(23 °C)		48	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	103	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.