



Hostacom TRC 1193N

Compounded Polyolefin

Product Description

Hostacom TRC 1193N is high melt flow, 1,800 MPa flexural modulus, low density thermoplastic polyolefin (TPO) resin. It has an excellent balance of processability, rigidity, impact, scratch and mar resistance. It was designed primarily for injection molding for Instrumental Panels and other interior trims or components with good surface appearance properties.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , High Rigidity , Scratch Resistant
Typical Customer Applications	Instrument Panels, Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.99	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	18	MPa
Tensile Strain at Yield	ISO 527-1, -2	6	%
Flexural modulus	ISO 178	1800	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		45	kJ/m ²
(-30 °C)		7	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	107	°C
Additional Information			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>			

Notes

Typical properties; not to be construed as specifications.