

Hostacom TRC 1193N

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

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.

General Information			
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Moldability		
	Good Processability		
	Good Surface Finish		
	High Flow		
	High Rigidity		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
	Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.990	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2
Flexural Modulus	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	7.0	kJ/m ²	
23°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	107	°C	ISO 75-2/B

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