

Hostacom TRC 104N

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Moldability		
	Good Processability		
	Pleasing Surface Appearance		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	> 60		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.5	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	> 80	%	ISO 527-2
Flexural Modulus (23°C)	> 1750	MPa	ISO 178
Flexural Stress (23°C)	> 28.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	> 2.0	kJ/m ²	
23°C	> 20	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	106	°C	ISO 75-2/B

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