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/cm³	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/m²	
23°C	> 20	kJ/m²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	106	°C	ISO 75-2/B

Recommended distributors for this material

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