

Hostacom TRC 787N

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom TRC 787N 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.

General Information			
Filler / Reinforcement	Mineral filler		
Features	Rigidity, high		
	Gloss, low		
	Impact resistance, high		
	Workability, good		
	Good formability		
	Good coloring		
	High liquidity		
	Scratch resistance		
Uses	Application in Automobile Field		
	Car dashboard		
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)	21	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	7.0	%	ISO 527-2
Flexural Modulus (23°C)	1850	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-30°C	6.6	kJ/m ²	ISO 180
23°C	48	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	103	°C	ISO 75-2/B

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