

Hostacom TYC712N

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom TYC712N high melt flow, 1,900 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact resistance. It was designed for assorted automotive interior trim components.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Impact Resistance		
	Good Moldability		
	Good Processability		
	High Flow		
	High Rigidity		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.0	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	34	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	109	°C	ISO 75-2/B

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