

Hostacom TKC 782N

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom TKC 782N high melt flow, 1,200 MPa flexural modulus, natural, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It was designed for automotive interior components that require balanced impact and stiffness characteristics.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Colorability		
	Good Impact Resistance		
	Good Moldability		
	Good Processability		
	Good Stiffness		
	High Flow		
	Low Temperature Impact Resistance		
	Medium Rigidity		
Uses	Automotive Applications		
	Automotive Interior Parts		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2
Tensile Strain (Yield)	12	%	ISO 527-2
Flexural Modulus	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	35	kJ/m ²	
23°C	53	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	82.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A

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