

Hostacom NXK91201

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hostacom NXK91201 conventional melt flow, 400 MPa flexural modulus, paintable thermoplastic elastomeric olefin (TEO) resin exhibits balanced strength, toughness, flexibility and ductility. Typical applications include automotive air bag door covers and closures and lid stock.

General Information			
Features	Ductile		
	Good Flexibility		
	Good Strength		
	Good Toughness		
	Paintable		
Uses	Automotive Applications		
	Caps		
	Closures		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	54		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	8.00	MPa	
Break	10.0	MPa	
Tensile Strain			ISO 527-2
Yield	12	%	
Break	450	%	
Flexural Modulus	400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	No Break		
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, Unannealed	53.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	37.0	°C	ISO 75-2/A

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