

# Hostacom DYS 707N HS Natural

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom DYS 707N HS Natural high melt flow, 1050 MPa flexural modulus, high impact, natural thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, impact resistance and processability. It was designed primarily for automotive interior trim applications that demand excellent cold temperature impact and requires higher shrinkage.

General Information			
Features	Good Colorability		
	Good Moldability		
	Good Processability		
	Good Stiffness		
	High Flow		
	High Impact Resistance		
	Low Temperature Impact Resistance		
	Low Temperature Toughness		
	Medium Rigidity		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.0	MPa	ISO 527-2
Tensile Strain (Yield)	8.0	%	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	7.4	kJ/m <sup>2</sup>	
23°C	47	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	78.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A

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