



## Hostacom DYS 707N HS Natural

### Compounded Polyolefin

#### Product Description

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.

#### Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Colorability, High Flow , High Impact Resistance , Good Moldability , Medium Rigidity , Low Temperature Toughness
Typical Customer Applications	Automotive Parts, Interior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.90	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	23	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	19	MPa
Tensile Strain at Yield	ISO 527-1, -2	8	%
Flexural modulus	ISO 178	1050	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(23 °C)		47	kJ/m <sup>2</sup>
(-30 °C)		7.4	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	78	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	50	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

#### Notes

Typical properties; not to be construed as specifications.