

## 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				
Processing Methods Injection Moldin		ıg		
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
Physical				
Density		ISO 1183	0.90	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)		ISO 1133	23	g/10 min
Note: Alternative test method is AS	TM D 1238-01.			
Mechanical				
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
Impact				
Notched izod impact strength		ISO 180		
(23 °C)			47	kJ/m²
(-30 °C)			7.4	kJ/m²
Thermal				
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
Additional Information				
Mold shrinkage		ISO 294-4		
Note: Please contact LyondellBasell	for shrinkage reco	mmendations.		

## Notes

Typical properties; not to be construed as specifications.



