



## Hostacom TYC712N

### Compounded Polyolefin

#### Product Description

Hostacom TYC712N high melt flow, 1,900 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact resistance. It was designed for assorted automotive interior trim components.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	High Flow , Good Impact Resistance , Good Moldability , High Rigidity
<b>Typical Customer Applications</b>	Interior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	1.03	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	25	g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>			
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	23	MPa
Tensile Strain at Yield	ISO 527-1, -2	5	%
Flexural modulus	ISO 178	1900	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180	34	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	109	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact Basell for shrinkage recommendations.</i>			

#### Notes

Typical properties; not to be construed as specifications.