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

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

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.03	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	25	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
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
Impact			
Notched izod impact strength	ISO 180	34	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	109	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.