

Hostacom TYC727N E

Compounded Polyolefin

Product Description

Hostacom TYC727N E is a mineral filled polypropylene copolymer for injection moulding. It combines a good flowability with excellent stiffness/impact properties. The grade has been specifically designed for interior trim applications with higher impact and scratch resistance requirements.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Injection Molding
Features	High Flow , Medium Gloss , High Impact Resistance , Good Processability, Good Surface Finish
Typical Customer Applications	Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	28 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	22 MPa
Flexural modulus (23 °C, Secant)	ISO 178	1900 MPa
Impact		
Notched izod impact strength	ISO 180	
(-40 °C, Type 1, Notch A)		3.5 kJ/m ²
(23 °C, Type 1, Notch A)		30 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	105 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55 °C

Notes

Typical properties; not to be construed as specifications.