



Hostacom ERC 340N

Compounded Polyolefin

Product Description

Hostacom ERC 340N is a UV Stabilized, 16% Mineral Filled Polypropylene Copolymer Compound for injection molding. It offers a high melt flow for beneficial processing, and high stiffness with medium impact performance and good dimensional stability. It is designed for aesthetic automotive interior parts such as door panels, center consoles, and other hard trim. The grade is available in OEM custom color-matched, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Moulding
Features	Good Dimensional Stability, High Flow , Medium Impact Resistance, , High Rigidity , Good Surface Finish, High Stiffness
Typical Customer Applications	Interior Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.02 g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	19 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	2100 MPa
Impact		
Notched izod impact strength	ISO 180	
(-40 °C, Type 1, Notch A)		2 kJ/m ²
(23 °C, Type 1, Notch A)		5 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	52 °C

Notes

Typical properties; not to be construed as specifications.

Additional Properties

The property values shown are measured, where applicable, on injection molded test specimens. They are based on a limited number of tests and, therefore, should not be construed as product specifications. These values may shift slightly as additional data are accumulated.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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