



Hostacom ERC 361N data

Compounded Polyolefin

Product Description

"Hostacom" ERC 361N is a 20% mineral filled, polypropylene copolymer for injection molding with a low sticking tendency at elevated temperatures. It combines excellent stiffness/impact balance, good scratch resistance, low odor and excellent flowability properties with good dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts. The grade is available in color-matched, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Features	Scratch Resistant, Good Stiffness
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.05 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15,5 g/10 min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	2100 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	27 MPa
Impact		
Charpy notched impact strength	ISO 179	
(23 °C, Type 1, Edgewise, Notch A)		5,5 kJ/m ²
(-30 °C, Type 1, Edgewise, Notch A)		3,5 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	116 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	64 °C

Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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