



Hostacom ERC 161N

Compounded Polyolefin

Product Description

"Hostacom" ERC 161N is a 15% mineral filled, polypropylene copolymer for injection molding. 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, North America
Processing Methods	Injection Molding
Features	Scratch Resistant, Good Stiffness
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.01	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	2300	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)		2,5	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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LyondellBasell markets this product through the following entities:

- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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

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