Hostacom TRC 160N

Compounded Polyolefin

Product Description

Hostacom TRC 160N 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, Asia-Pacific
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/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	14	g/10 min
Mechanical			
Tensile Modulus (Secant)	ISO 527-1, -2	1750	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18	MPa
Impact			
Charpy notched impact strength	ISO 179		
(23 °C, Type 1, Edgewise, Notch A)		45	kJ/m²
(-30 °C, Type 1, Edgewise, Notch A)		4.5	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	90	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	53	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

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

For the contact details of the LyondellBasell company selling this product in your country, please visit http://www.lyb.com/.

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This product(s) may not be used in:

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(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

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

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