



Hostacom TRC705N

Compounded Polyolefin

Product Description

This information has been secured during the course of product development. Both the product and its properties are subject to change before final commercialization.

Hostacom TRC705N high melt flow, 1,700 MPa flexural modulus, precolored, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, impact resistance and processability. It was designed primarily for automotive interior applications that demand balanced performance characteristics, such as those that require compliance to FMVSS201 or FMVSS208.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Good Impact Resistance , Good Moldability , Scratch Resistant, Good Stiffness
Typical Customer Applications	Instrument Panels, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.03 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	21 MPa
Tensile Strain at Yield	ISO 527-1, -2	7 %
Flexural modulus	ISO 178	1700 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C)		39 kJ/m ²
(-30 °C)		2.9 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	101 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	54 °C
Additional Information		
Mold shrinkage	ISO 294-4	
<i>Note: Please contact Basell for shrinkage recommendations.</i>		

Notes

Typical properties; not to be construed as specifications.

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- ┆ 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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