



Hostacom TRC704D

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 TRC704D medium high melt flow, 1,500 MPa flexural modulus, UV-stabilized thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It was designed for applications that require excellent aesthetics and a good balance of stiffness and impact performance.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Pleasing Surface Appearance, High Gloss , Good Moldability , Medium Rigidity , Scratch Resistant
Typical Customer Applications	Appliances, Other Industrial

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.91 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	16 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	32 MPa
Tensile Strain at Yield	ISO 527-1, -2	8 %
Flexural modulus	ISO 178	1500 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C)		4.9 kJ/m ²
(0 °C)		2.0 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	100 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	64 °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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