



Hostacom 6551

Compounded Polyolefin

Product Description

Hostacom 6551 conventional melt flow, 1,300 MPa flexural modulus, precolored polypropylene homopolymer has a good combination of strength, stiffness, impact and heat resistance. It was designed for a variety of industrial and consumer applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Methods	Injection Molding
Features	Good Chemical Resistance, Good Heat Aging Resistance , Medium Heat Resistance , Homopolymer, Good Impact Resistance , Good Processability, Good Stiffness , Medium Strength
Typical Customer Applications	Appliances, Hair Dryers, Shavers and Steam Irons, Other Industrial

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.94	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1300	MPa
Tensile Strength @ Yield	ASTM D 638	34	MPa
Tensile Strength @ Break	ASTM D 638	14	MPa
Tensile Elongation @ Yield	ASTM D 638	7	%
Tensile Elongation @ Brk	ASTM D 638	350	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	53	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	98	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	81	°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

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:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(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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