Hostacom HKG743T

Compounded Polyolefin

Product Description

Hostacom HKG743T black, 40% glass/ mineral-reinforced polypropylene homopolymer has exceptional stiffness and good dimensional stability. It was designed primarily as a potential replacement for more costly engineering thermoplastics. Typical applications include automotive underhood components, instrument panel substrates, and electronic housings.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Chemically Coupled, Homopolymer, Good Impact Resistance , Good Moldability , High Rigidity
Typical Customer Applications	Under-the-Hood & Structural Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.22	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	8	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	76	MPa
Tensile Strain at Yield	ISO 527-1, -2	3	%
Flexural modulus	ISO 178	7000	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		8.0	kJ/m²
(-40 °C)		5.7	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	150	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	141	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell 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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Users should review the applicable Material Safety Data Sheet before handling the product.

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