

Technical Data Sheet

Hostacom HKC 642X BLACK

Polypropylene Compounds

Product Description

Hostacom HKC 642X BLACK is a 40% talc filled polypropylene, with high melt flow rate, high stiffness, and good heat aging resistance. Product is available as non color matched, black, pellet form.

Regulatory Status

For regulatory compliance information, see Hostacom HKC 642X BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific
Application	Automotive Parts; Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Heat Aging Resistance; High Flow; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ISO 1133-1
Density, (23 °C)	1.24	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	4500	MPa	ISO 178
Tensile Stress at Yield	32	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	2.5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	133	°C	ISO 75B-1, -2

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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Recipient Tracking #:
Request #: 909069

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- (i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;
- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) 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;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
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- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

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