



Hostacom X 4305 HL86

Compounded Polyolefin

Product Description

"Hostacom" X 4305 HL86 is a 20% mineral filled PP copolymer with good stiffness toughness balance and very high UV resistance for outdoor applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Features	Copolymer, Good Stiffness , Good Toughness, Good UV Resistance
Typical Customer Applications	Interior Applications, Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm ³
Melt flow rate (MFR)	ISO 1133	
(230°C/2.16Kg)		16 g/10 min
(230°C/5.0kg)		67 g/10 min
Melt volume flow rate	ISO 1133	
(230°C/5.0kg)		78 cm ³ /10min
(230°C/2.16Kg)		18 cm ³ /10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	2200 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	27 MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	5.0 %
Flexural modulus (Secant)	ISO 178	2300 MPa
Impact		
Charpy unnotched impact strength	ISO 179	
(23 °C, Type 1, Edgewise)		60 kJ/m ²
(0 °C, Type 1, Edgewise)		40 kJ/m ²
(-30 °C, Type 1, Edgewise)		30 kJ/m ²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	5 kJ/m ²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	71 MPa
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	105 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	60 °C
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	148 °C

Additional Properties

Mould Shrinkage, Basell Test Method: 0.9 to 1.1 %

Notes

Typical properties; not to be construed as specifications.

© LyondellBasell Industries Holdings, B.V. 2011

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.lyondellbasell.com/>.

Before using a product sold by one of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY; EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) OTHER THAN AS SEPARATELY AGREED BETWEEN THE PARTIES IN WRITING. This product(s) may not be used in the manufacture of any US FDA Class III Medical Device or Health Canada Class IV Medical Device and may not be used in the manufacture of any US FDA Class II Medical Device or Health Canada Class II or Class III Medical Device without the prior written approval by Seller of each specific product or application.

Users should review the applicable Material Safety Data Sheet before handling the product.

Addhere, Adflex, Adstif, Adsyl, Akoafloor, Akoalit, Alastian, Alathon, Alkylate, Amazing Chemistry, Aquamarine, Aquathene, Arconate, Arcopure, Arcosolv, Arctic Plus, Arctic Shield, Avant, Catalloy, Clyrell, CRP, Crystex, Dexflex, Duopac, Duoprime, Explore & Experiment, Filmex, Flexathene, Fueling the Power to Win, Get in touch with, Glacido, Hifax, Histif, Hostacom, Hostalen, Ideal, Integrate, Koattro, LIPP, Lucalen, Luflexen, Lupolen, Lupolex, Luposim, Lupostress, Lupotech, Metocene, Microthene, Moplen, MPDIOL, Nerolex, Nexprene, Petrothene, Plexar, Polymeg, Pristene, Prodflex, Pro-Fax, Punctilious, Purell, SAA100, SAA101, Sequel, Softell, Spherilene, Spheripol, Spherizone, Starflex, Stretchene, Superflex, TBAC, Tebol, T-Hydro, Toppyl, Trans4m, Tufflo, Ultrathene, Vacido and Valtec are trademarks owned or used by the LyondellBasell family of companies.

Adsyl, Akoafloor, Akoalit, Alastian, Alathon, Aquamarine, Arconate, Arcopure, Arcosolv, Arctic Plus, Arctic Shield, Avant, CRP, Crystex, Dexflex, Duopac, Duoprime, Explore & Experiment, Filmex, Flexathene, Hifax, Hostacom, Hostalen, Ideal, Integrate, Koattro, Lucalen, Lupolen, Microthene, Moplen, MPDIOL, Nexprene, Petrothene, Plexar, Polymeg, Pristene, Pro-Fax, Punctilious, Purell, Sequel, Softell, Spheripol, Spherizone, Starflex, Tebol, T-Hydro, Toppyl, Tufflo and Ultrathene are registered in the U.S. Patent and Trademark Office.

Release Date: 13 Oct 2011