



Hostacom X M2 U34 102942

Compounded Polyolefin

Product Description

"Hostacom" X M2 U34 102942 is a 20% mineral filled PP homopolymer with high flow, high stiffness, low odour and high heat ageing stability. Used for heaters and air conditioning units.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	Homopolymer

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.04	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	10	g/10 min
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	11.5	cm ³ /10min
Mechanical			
Tensile Modulus (Secant)	ISO 527-1, - 2	2900	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, - 2	35	MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, - 2	5	%
Flexural modulus (Secant)	ISO 178	3100	MPa
Flexural Stress (3.5 %)	ISO 178	50	MPa
Impact			
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	40	kJ/m ²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	3.0	kJ/m ²
Hardness			
Ball indentation hardness (H 358/30)	ISO 2039-1	95	MPa
Thermal			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, - 2	70	°C

Vicat softening temperature	ISO 306	
(B50 (50°C/h 50N))		95 °C
(A50 (50°C/h 10N))		153 °C

Additional Properties

Impact Strength at 23°C, DIN 53453: 35 kJ/m²
 Notched Impact Strength, DIN 53453, 23°C: 4 kJ/m²
 Fogging, DIN 75201/B, 16h/100°C: 0.6 mg
 Odour, PV 3900 (VW-Norm), 2h/80°C, Note 1-6: 3
 C Emission, PV 3341 (VW-Norm), 5h/120°C: <50 µg/g

Notes

Typical properties; not to be construed as specifications.

Copyright 2009 Basell Service Company B.V. All rights reserved.

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyondellbasell.com/>.

Before using a LyondellBasell product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the LyondellBasell product safely and legally. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. In addition, no immunity under LyondellBasell's or third parties' intellectual property rights shall be implied from this document. No one is authorized to make any warranties, issue any immunities or assume any liabilities on behalf of LyondellBasell except in a writing signed by an authorized LyondellBasell employee. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at LyondellBasell's option, and in no event shall LyondellBasell be liable for special, consequential, incidental, punitive or exemplary damages.

CRP, Adflex, Adstif, Adsyl, Akoalit, Akoafloor, Avant, Catalloy, Clyrell, Dexflex, Entegritiy, Get in touch with, Hifax, Higran, Histif, Hostacom, Hostalen, Indure, Koattro, LIPP, Lucalen, Luflexen, Lupocomp, Lupolen, Lupolex, Luposim, Lupostress, Lupotech, Metocene, Moplen, Pristene, Purell, Pro-fax, Sequel, Sholybox, Softell, Spherilene, Spheripol, Spherizone, Stretchene, Toppyl and Valtec are trademarks owned or used by LyondellBasell group companies.

Adflex, Adstif, Adsyl, Akoalit, Akoafloor, Avant, Clyrell, CRP, Dexflex, Hifax, Hostacom, Hostalen, Indure, Koattro, Lucalen, Moplen, Purell, Pro-fax, Sequel, Softell, Spheripol, Spherizone and Toppyl are registered in the U.S. Patent and Trademark Office.

Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

Release Date: 15 Jun 2009