



Hostacom M4 N01 L255013

Compounded Polyolefin

Product Description

"Hostacom" M4 N01 L255013 is a 40% mineral filled polypropylene homopolymer. The product is designed for injection molding of washing machine parts and is available in different white colors. UL listing in white and grey color. It is not intended for medical, pharmaceutical or drinking water applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Detergent Resistant, Low Flow , Homopolymer, Good Thermal Aging Resistance
Typical Customer Applications	White Goods

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.21 g/cm ³
Melt flow rate (MFR) (230°C/5.0kg)	ISO 1133	11 g/10 min
Melt volume flow rate (230°C/5.0kg)	ISO 1133	11 cm ³ /10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	3500 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	33 MPa
Tensile Strain at Break (50 mm/min)	ISO 527-1, -2	>5 %
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	4 %
Flexural modulus (Secant)	ISO 178	3800 MPa
Flexural Stress (3.5 %)	ISO 178	48 MPa
Impact		
Charpy unnotched impact strength (23 °C, Type 1, Edgewise) (0 °C, Type 1, Edgewise)	ISO 179	30 kJ/m ² 15 kJ/m ²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A) (0 °C, Type 1, Edgewise, Notch A)	ISO 179	3.5 kJ/m ² 1.5 kJ/m ²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	90 MPa
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	72 °C
Flammable		
Flame rating - UL	UL 94	HB
UL 746		
Relative temperature index Mech w/oImp	UL 746	65.0 °C
Relative temperature index Mech w/Imp	UL 746	65.0 °C
Relative temperature index	UL 746	65.0 °C

Notes

Typical properties; not to be construed as specifications.

© LyondellBasell Industries Holdings, B.V. 2012

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 a company 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 OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT.

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: U.S. FDA Class II medical devices; Health Canada Class II or III medical devices; European Union Class II medical devices; or any equivalent U.S. FDA, Health Canada, or European Union regulations pertaining to medical devices; packaging in direct contact with a pharmaceutical active ingredient and/or dosage form; and tobacco-related products and applications. This product(s) may not be used in the manufacture of any of the following applications: U.S. FDA Class III medical devices; Health Canada Class IV medical devices; European Class III medical devices; applications involving permanent implantation into the body; life-sustaining medical applications; and lead, asbestos or MTBE related applications. All references to the U.S. FDA, Health Canada and European Union regulations include another country's equivalent regulatory classification.

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

Addhere, Adflex, Adstif, Adsyl, Akoafloor, Akoalit, 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, 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, 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, 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: 05 Jun 2008