



Hifax HSBM CB 1151 G

Compounded Polyolefin

Product Description

Hifax HSBM CB 1151 G is a medium flow, 10% mineral filled, high impact polypropylene copolymer suitable for injection moulding. The grade has been specifically designed for moulding large complex parts that require high impact strength. It features excellent paint adhesion, low thermal expansion and a high UV stabilization. This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Africa-Middle East, Latin America
Features	Impact Copolymer, Medium Flow, High Impact Resistance , Non Toxic, Good UV Resistance
Typical Customer Applications	Bumpers

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.00 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	13 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	17.0 MPa
Flexural modulus	ISO 178	1350 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		No Break kJ/m ²
(-20 °C, Type 1, Notch A)		8.00 kJ/m ²
(-30 °C, Type 1, Notch A)		7.00 kJ/m ²
Thermal		
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	46.0 °C

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, Entegriti, 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: 20 Oct 2006