



Hifax EKC2038X

Compounded Polyolefin

Product Description

"Hifax" EKC 2038X is a medium melt flow, 30% mineral filled, polypropylene copolymer. The product features an excellent balance of flowability, impact strength and stiffness.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Copolymer, Medium Flow, Good Impact Resistance , Good Stiffness
Typical Customer Applications	Automotive Parts, Under-the-Hood & Structural Applications

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.14	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	10	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	20.0	MPa
Tensile Strain at Break	ISO 527-1, -2	30	%
Flexural modulus	ISO 178	2400	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C, Type 1, Notch A)		11	kJ/m ²
(-30 °C, Type 1, Notch A)		3.5	kJ/m ²
Thermal			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	64.0	°C
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	56.0	°C

Additional Properties

CLTE, Basell Test Method: 6e-5 1/K

Notes

Typical properties; not to be construed as specifications.

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- 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.lyb.com/>.

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This product(s) may not be used in:

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(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to 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.

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