



Hifax EKF 212 D

Compounded Polyolefin

Product Description

Hifax EKF 212 D high melt flow, halogen free flame retardant, UV-stabilized, filled, modified polypropylene resin has a unique balance of processability and weatherability. The product offers a good balance of high flexural modulus and good impact strength even at low temperature. Using common pre-treatment systems a good paintability is given if needed. It was designed for applications that undergo extended outdoor exposure. Typical applications by our customers include residential siding panels. Hifax EKF 212 D is available in natural as well as custom coloured.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Method	Injection Molding
Features	High Flow , Good Impact Resistance , Good Moldability , Paintable, Good Processability, Good Stiffness , Good Surface Finish, Good UV Resistance, Warp Resistant, Good Weather Resistance, High Stiffness
Typical Customer Applications	Other Industrial, Building and Construction

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.18 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	18 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Flexural modulus	ISO 178	2700 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		9 kJ/m ²
(- 20 °C, Type 1, Notch A)		2 kJ/m ²

Notes

Typical properties; not to be construed as specifications.

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- 1 Equistar Chemicals, LP
- 1 Basell Sales & Marketing Company B.V.
- 1 Basell Asia Pacific Limited
- 1 Basell International Trading FZE
- 1 LyondellBasell Australia Pty Ltd

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

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