



Hifax 5519 / 1

Compounded Polyolefin

Product Description

"Hifax" 5519/1 is a PP/EPR-Blend, mineral filled, impact modified.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Impact Modified
Typical Customer Applications	Bumpers

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.97 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	13 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	17 MPa
Tensile Strain at Break (23 °C, 50 mm/min)	ISO 527-1, -2	100 %
Flexural modulus (23 °C, 2 mm/min)	ISO 178	1250 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		N.B kJ/m ²
(-20 °C, Type 1, Notch A)		8 kJ/m ²
(-30 °C, Type 1)		6 kJ/m ²
Thermal		
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	125 °C

Additional Properties

CLTE, DIN 53752, final part, 30 to 85°C: 7.0e-5 1/K
Shrinkage, ISO 2554, Flow: 0.7%
Shrinkage, ISO 2554, Across Flow: 1.1%

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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