



Hifax HKG 418P

Compounded Polyolefin

Product Description

Hifax HKG 418P is a 20% glass fiber reinforced PP homopolymer (coupled). It combines excellent stiffness properties with good dimensional stability and low creep under load at elevated temperatures.

This grade is UV-stabilized for automotive exterior parts. The grade is available in colour-matched (dark colours), pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	High Rigidity , High Tensile Strength

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.05 g/cm ³
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	7.0 cm ³ /10min
Mechanical		
Tensile Stress at Break (50 mm/min)	ISO 527-1, -2	70 MPa
Flexural modulus (Secant)	ISO 178	4800 MPa
Impact		
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	6 kJ/m ²
(-30 °C, Type 1, Edgewise, Notch A)		4,5 kJ/m ²

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

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