

## Technical Data Sheet

**Hifax HKG 418P C1V301**

Polypropylene Compounds

**Product Description**

Hifax HKG 418P C1V301 is a 20% glass fiber reinforced PP homopolymer, with high stiffness and high UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C1V301 color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Exterior Trim
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	7	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	5000	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	70	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	4	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	6	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	4.5	kJ/m <sup>2</sup>	ISO 179-1/1eA

**Notes**

These are typical property values not to be construed as specification limits.