

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.

Regulatory Status

For regulatory compliance information, see Hifax HKG 418P C1V301 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

Status	Commercial: Active
Availability	Europe
Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	7	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1/A
Mechanical			
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
Impact			
Charpy Impact Strength - Notched			
(23 °C)	6	kJ/m ²	ISO 179-1/1eA
(-30 °C)	4.5	kJ/m ²	ISO 179-1/1eA

Notes

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