

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.

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

