

# Hifax HKG 418P C1V301

Polypropylene Homopolymer  
LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Rigidity, high		
	Rigid, good		
	Homopolymer		
	Good UV resistance		
Uses	Application in Automobile Field		
	Car exterior decoration		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.05	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	5000	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	6.0	kJ/m <sup>2</sup>	ISO 179/1eA
NOTE			
1.	1.0 mm/min		

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Recommended distributors for this material

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