

Hifax CB 45 G

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax CB 45 G is a medium melt flow, 30% mineral filled, UV stabilised, polypropylene copolymer. The product features an excellent balance of flowability, impact strength and stiffness.
This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Impact Resistance		
	Good Stiffness		
	Medium Flow		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	4.0	kJ/m²	
23°C	14	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	64.0	°C	ISO 75-2/A
Vicat Softening Temperature	56.0	°C	ISO 306/B50
CLTE - Flow	6.0E-5	cm/cm/°C	Internal Method

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