

Hifax CB 1160 G1 G41440

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax CB 1160 G1 is a talc filled PP copolymer, with medium flowability, high impact resistance and good stiffness. This grade is delivered in customer customized colors. This Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

For regulatory compliance information, see Hifax CB 1160 G1 G41440 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

General Information			
Filler / Reinforcement	Talc filler		
Features	Rigid, good		
	Copolymer		
	Impact resistance, high		
	Medium liquidity		
Uses	Car anti-collision bar		
	Application in Automobile Field		
	Car exterior decoration		
Appearance	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.970	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1400	MPa	ISO 178/A
Flexural Stress ² (23°C)	22.0	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	6.5	kJ/m ²	ISO 180/1A
23°C	45	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	52.0	°C	ISO 306/B
NOTE			
1.	1.0 mm/min		
2.	1.0 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

