

Hostacom AJ 1165 E BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom AJ 1165 E BLACK is a 30 % chemically coupled, glass fiber reinforced PP copolymer, with medium melt flow rate, high rigidity, good impact resistance and excellent impact/stiffness balance. The product is available in black color, pellet form.

For regulatory compliance information, see Hostacom AJ 1165 E BLACK 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	Glass fiber reinforced material, 30% filler by weight		
Features	Super rigidity		
	Copolymer		
	Chemical coupling		
	Impact resistance, good		
	Medium liquidity		
Uses	Parts under the hood of a car		
	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	97.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	7400	MPa	ISO 178/A
Flexural Stress ² (23°C)	135	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	8.0	kJ/m ²	ISO 180/1A
23°C	10	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A
Vicat Softening Temperature	130	°C	ISO 306/B
NOTE			
1.	1.0 mm/min		
2.	1.0 mm/min		

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Recommended distributors for this material

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