

# Hostacom BJ44A

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom BJ44A medium melt flow, 8,300 MPa flexural modulus, chemically coupled, 45% glass fiber-reinforced polypropylene copolymer has excellent impact strength, high stiffness and very good processability. It was designed primarily for automotive under-the-hood applications.

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
Features	Chemically Coupled		
	Copolymer		
	Good Impact Resistance		
	Good Moldability		
	High Rigidity		
Uses	Medium Flow		
	Automotive Applications		
	Automotive Under the Hood		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Tensile Strain (Yield)	3.0	%	ISO 527-2
Flexural Modulus	8300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	8.0	kJ/m <sup>2</sup>	
23°C	11	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	147	°C	ISO 75-2/A

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