

Hostacom BJ62A

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom BJ62A high melt flow, 4,100 MPa flexural modulus, chemically coupled, 30% glass fiber-reinforced polypropylene copolymer has an excellent balance of physical properties and processability.

General Information			
UL YellowCard	E229217-102026887		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Chemically Coupled		
	Copolymer		
	Good Processability		
	High Flow		
	High Impact Resistance		
Uses	High Rigidity		
	Automotive Under the Hood		
	Sporting Goods		
	Structural Parts		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow ¹ (23°C, 48 hr, 3.20 mm)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	66.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	4100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	200	J/m	ASTM D256
Unnotched Izod Impact (23°C)	700	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	143	°C	ASTM D648
NOTE			

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