

Hostacom BJ22GC

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom BJ22GC conventional melt flow, 3,600 MPa flexural modulus, UV-stabilized, chemically coupled, 30% glass fiber-reinforced polypropylene copolymer was designed for applications which require high impact strength and extended outdoor exposure. Typical applications include splice enclosures.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	UV Stabilizer		
Features	Chemically Coupled		
	Copolymer		
	Good Flow		
	Good Impact Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	High Rigidity		
Uses	Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	55.0	MPa	ASTM D638
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus	3600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	270	J/m	ASTM D256
Unnotched Izod Impact (23°C)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	153	°C	ASTM D648

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