

Hostacom BG722AC (z)

Polypropylene Copolymer

LyondellBasell Industries

Message:

This information has been secured during the course of product development. Both the product and its properties are subject to change before final commercialization.

"Hostacom" BG722AC medium high melt flow, 1,700 MPa flexural modulus, precolored, mineral-filled polypropylene copolymer is designed with an excellent balance of stiffness, impact resistance and processability.

General Information			
Filler / Reinforcement	Mineral		
Features	Copolymer		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	High Flow		
	Medium Rigidity		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Appearance	Unspecified Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage ¹ (3.20 mm)	1.2	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	22.0	MPa	
Break	17.0	MPa	
Tensile Elongation			ASTM D638
Yield	6.0	%	
Break	200	%	
Flexural Modulus - 1% Secant ²	1700	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	89.0	°C	ASTM D648
NOTE			

1.	100x150x3.2 mm injection molded plaque
2.	5.0 mm/min

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