

Hostacom EBG733T

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom EBG733T low melt flow, 2,300 MPa flexural modulus, 10% glass-reinforced polypropylene copolymer has an excellent balance of properties and processability. It was designed primarily for automotive underhood air induction components.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Copolymer		
	Good Heat Aging Resistance		
	Good Impact Resistance		
	Good Melt Strength		
	Good Processability		
	High Rigidity		
	Low Flow		
Uses	Automotive Applications		
	Automotive Under the Hood		
Forms	Pellets		
Processing Method	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	43.0	MPa	ISO 527-2
Tensile Strain (Yield)	9.0	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	6.0	kJ/m ²	
23°C	17	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	141	°C	ISO 75-2/B
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/A

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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