Hostacom EBC721N

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom EBC721N low melt flow, 2,100 MPa flexural modulus, 15% talc-filled modified polypropylene copolymer has an excellent balance of properties and processability. It was designed primarily for automotive interior components that require structural rigidity and integrity.

General Information			
Filler / Reinforcement	Talc filler, 15% filler by weight		
Features	Rigidity, high Copolymer Impact resistance, good Workability, good Low liquidity		
Uses	Blow molding applications Application in Automobile Field Car interior parts		
Forms	Particle		
Processing Method	Extrusion blow molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.00	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ISO 180
-40°C	2.3	kJ/m²	ISO 180
23°C	30	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	109	°C	ISO 75-2/B
1.8 MPa, not annealed	63.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	6.9E-5	cm/cm/°C	ASTM D696, ISO 11359-2
Additional Information			

The value listed as CLTE, Flow, ASTM D696, was tested in accordance with ASTM E228.

Recommended distributors for this material

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