

Hostalen PP EBG 252D

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Hostalen PP EBG 252D is a natural, 10 % glass fiber reinforced polypropylene blockcopolymer (coupled) with high melt viscosity.

The product has medium low-temperature impact strength and low thermal coefficient of expansion.

The product is used as core layer for the production of 3-layer pipes with reduced thermal elongation.

For regulatory information please refer to Hostalen PP EBG252D Product Stewardship Bulletin (PSB)

It is not intended for medical and pharmaceutical applications.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Chemically Coupled		
	Good Dimensional Stability		
	High Rigidity		
	High Viscosity		
	Impact Copolymer		
	Low Flow		
	Low Temperature Impact Resistance		
	Medium Impact Resistance		
Uses	Piping		
	Sheet		
Processing Method	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.964	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	1.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield, 23°C	45.0	MPa	
Break, 23°C	44.0	MPa	
Tensile Strain (Yield, 23°C)	8.0	%	ISO 527-2/50
Flexural Modulus - Secant (23°C)	2000	MPa	ISO 178
Flexural Stress (3.5% Strain,23°C)	57.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
0°C	18	kJ/m²	

23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (23 to 80°C)	4.5E-5	cm/cm/°C	ISO 11359-2
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 280	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 230	°C	

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