



Hostalen PP EBG 252D

Polypropylene, Impact Copolymer

Product Description

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.

Product Characteristics

Test Method used ISO

Processing Methods Extrusion Pipe Sheet and Semi Finished Products

Features Impact Copolymer, Good Dimensional Stability, Low Flow , Medium Impact Resistance, High Rigidity

Typical Customer Applications Plumbing, Heating & Cooling

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.964	g/cm ³
Melt flow rate (MFR) (230°C/5.0kg)	ISO 1133	1.5	g/10 min
Mechanical			
Tensile Stress at Break (23 °C, v = 50 mm/min)	ISO 527-1, -2	44	MPa
Tensile Stress at Yield (23 °C, v = 50 mm/min)	ISO 527-1, -2	45	MPa
Tensile Strain at Yield (23 °C, v = 50 mm/min)	ISO 527-1, -2	8	%
Flexural modulus (23 °C, Secant)	ISO 178	2000	MPa
Flexural Stress (23 °C, 3.5 %)	ISO 178	57	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C, Type 1, Notch A)		25	kJ/m ²
(0 °C, Type 1, Notch A)		18	kJ/m ²
Thermal			
CLTE, Flow (23°C to 80°C)	ISO 11359-1, -	45*10 ⁻⁶	cm/cm/°C
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