Braskem PE PB-608

Low Density Polyethylene

Braskem

Message:

Description:
PB608 is a grade produced under high pressure in an autoclave reactor. This grade is especially designed for injection molding of articles that must show excellent flexibility properties and very good flow ability.
Additive:
No additives present.
Applications:
Masterbatches;
Covers and injected parts with large flat area.
Process:
Injection Molding

General Information			
Features	Autoclavable Good Flexibility Good Flow Low Density		
Uses	Engineering Parts Masterbatch Protective Coverings		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.915	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 2.00 mm, 10% Igepal, Compression Molded, F50)	15.0	hr	ASTM D1693
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	39		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield, Compression Molded	8.00	MPa	
Break, Compression Molded	8.00	MPa	
Tensile Elongation (Break, Compression Molded)	390	%	ASTM D638
Flexural Modulus - 1% Secant (Compression Molded)	450	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	79.0	°C	ASTM D1525 [1]
Injection	**Nominal Value**	**Unit**	
Processing (Melt) Temp	180 to 210	°C	
Mold Temperature	5.00 to 25.0	°C	
NOTE			
1.	Loading 1 (10 N)		

Recommended distributors for this material

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