Low Density Polyethylene SPB608

Description:

SPB608 is a low density polyethylene designed for injection molding. This grade shows excellent processability being indicated for applications where low viscosity is required during processing. Injection molded products with this resin shows good flexibility. Additives free. The minimum carbon biobased content of this grade is 95%, determined according to ASTM D6866.

Applications:

Caps, Masterbatches

Processes:

Injection molding

Control Properties:

Characteristic	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	30
Density	D 1505	g/cm³	0.915

Typical Properties - Plaque[1]:

Plaque Properties

Characteristic	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	8
Tensile Strength at Break (a)	D 638	MPa	9
Elongation at Break (a)	D 638	%	390
Flexural Modulus - 1% Secant (b)	ASTM D 790	MPa	150
Hardness (c)	ASTM D 2240	-	42
Vicat Softening Temperature at 10 N (b)	D 1525	°C	79

[1] Test specimens from compression molded plaque according to ASTM D4703. Plaque Thickness: a) 2mm. b) 3mm c) 6mm. NB = No break.

Final Remarks:

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
3. For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.