Data Sheet
FEB/2022

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.

Aplicações:

Caps, Masterbatches

Processos:

Injection molding

Control Properties:

Característica	Método	Unidades	Valores
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

Característica	Método	Unidades	Valores
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 - 2% 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. It is the sole responsibility of the Client/Purchaser of this Product to verify the suitability of this Product and its use for the intended use and to ensure compliance with legal and regulatory requirements applicable to the final product.
2. The technical guidance eventually rendered to the Client/Purchaser of the Product by Braskem about the Product does not characterize a performance guarantee for the intended application, nor does it exempt the Client/Purchaser from the responsibilities described in item 1 above.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
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