Braskem

Datasheet
26/12/2018

Low Density Polyethylene S1522

Description:

S1522 is a low density polyethylene produced in a high-pressure process, which presents good balance between mechanical properties and processability.

Applications:

General use packing

Processes:

Extrusion Blow Molding, Injection Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1.5
Density	D 1505	g/cm³	0.922

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	11
Tensile Strength at Break (a)	D 638	MPa	12
Elongation at Break (a)	D 638	%	850
Flexural Modulus - 1% Secant (b)	D 2240	-	45
Vicat Softening Temperature at 10 N (b)	D 1525	°C	93
Melting temperature	D 3417/D 3418	°C	110

[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.