

High Density Polyethylene SGE7252NS

Description:

SGE7252NS is a bimodal high density polyethylene developed for the manufacturing of caps and closures to carbonated soft drinks. This grade offers a good balance between chemical and mechanical resistance, and good processability. The minimum biobased content of this grade is 96%, determined according to ASTM D6866.

Applications:

Caps for water, Caps for carbonated soft drinks

Processes:

Injection molding.

Control Properties:

Feature	Method	Units	Values
Density	ISO 1183-1	g/cm ³	0.952
Melt Flow Rate (190°C/2,16 kg)	ISO 1133	g/10 min	2.0

Typical Properties - Plaque¹:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (b)	ISO 527	MPa	27
Vicat Softening Temperature at 10 N (a)	ISO 306	°C	126

¹ Test specimens prepared from compression molded sheet made according to ISO 293. Plaque Thickness: a) 3 mm b) 4 mm c) 6 mm

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.