Low Density Polyethylene SBF0323HC

Description:

SBF0323HC is a high molecular weight grade produced under high pressure technology. Films obtained with this product show excellent mechanical and optical properties. Additives free. The minimum carbon biobased content of this grade is 95%, determined according to ASTM D6866.

Applications:

Packaging for tubes, Squeeze packaging, HDPE blends with moderate resistance to surfactants

Processes:

Blown film extrusion., Extrusion Blow Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	0.32
Density	D 1505	g/cm³	0.923

Typical Properties - Films:

Blown Film Properties (a)

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	20/20
Elongation at Break (MD/TD)	D 882	%	390/930
Dart Drop Impact	D 1709	g/F50	290
Elmendorf Tear Strength (MD/TD)	D 1922	gF	ND(b)/270
Haze	D 1003	%	10
Gloss - Angle 60º	D 2457	%	92

a) 38 µm Film Gauge, obtained in 75 mm extruder, with 2:1 BUR. die gap 1.0 mm, (MD: Machine direction; TD: Transversal direction). (b) ND: Not Determined.

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.