

Linear Low Density Polyethylene SLL5405S

Description:

SLL5405S is a LLDPE Butene copolymer produced by Braskem. It is a general purpose product that shows a good processing performance balanced with good mechanical properties as well as sealability. This product has very low gel amount. The minimum biobased carbon content of this grade is 87%, determined according to ASTM D6866.

Additives:

Slip, Antiblocking.

Applications:

Film

Processes:

Blown Film Extrusion

Control Properties:

Characteristic	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1.0
Density	D 792	g/cm ³	0.918

Typical Properties - Films:

Blown Film Properties^a

Characteristic	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	40/30
Elongation at Break (MD/TD)	D 882	%	1070/1340
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	210/230
Dart Drop Impact	D 1709	g/F50	130
Elmendorf Tear Strength (MD/TD)	D 1922	gF	180/400

(a) Film with 38 microns produce in a 40mm extruder and a blow-up ratio of 2.2:1. (MD = extrusion direction and TD = transversal direction).

Final Remarks:

- 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.
- For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
- For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.