

Linear Low Density Polyethylene SLH0820/30AF

Description:

SLH0820/30AF is a LLDPE hexene copolymer produced by Braskem. It offers outstanding processability combined with excellent mechanical properties. Very low gel amount. The minimum biobased carbon content of this grade is 84%, determined according to ASTM D6866.

Additives:

Processing Aid, Antiblocking.

Aplicações:

Industrial Sacks, Blends with HDPE, Blends with LDPE, Laminates, Bags with valve

Processos:

Blown Film Extrusion

Control Properties:

Característica	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	0.8
Density	D 1505	g/cm ³	0.920

Typical Properties - Films:

Blown Film Properties (a)

Característica	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	40/40
Elongation at Break (MD/TD)	D 882	%	1190/1370
Flexural Modulus - 1% Secant	D 882	MPa	190/220
Dart Drop Impact	D 1709	g/F50	410
Elmendorf Tear Strength (MD/TD)	D 1922	gF	600/2020

(a) 100 µm Film Gauge, obtained in 40 mm extruder, with 2:1 BUR. die gap 1.0 mm, (MD: Machine direction; 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.