

## Overview

SLH118 is a Linear Low Density Polyethylene developed for blown film extrusion. Films obtained with this product show a good processing performance balanced with good optical and mechanical properties as well as sealability. Very low gel amount. It contains an oxidant additives. The minimum biobased carbon content of this grade is 84%, determined according to ASTM D6866

## Applications

- Blends with HDPE, Industrial Sacks, Blends with LDPE, Stretch Films, Flexible Packaging (Tubular Films), Liners, General use packing, Blends for irrigation pipes

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1.0	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.916	g/cm <sup>3</sup>	D 792
Tensile Strength at Break (MD/TD)	40/40	MPa	D 882
Elongation at Break (MD/TD)	1080/1360	%	D 882
Tensile Modulus - 1% Secant (MD/TD)	200/210	MPa	D 882
Dart Drop Impact	150	g/F50	D 1709
Elmendorf Tear Strength (MD/TD)	300/510	gF	D 1922

Producer: Braskem

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