

## Linear Low Density Polyethylene SLL318

### Description:

SLL318 is a Linear Low Density Polyethylene, copolymer of butene-1. Developed for cast film extrusion. Films obtained with this product show good mechanical properties and enhanced sealability. It contains antioxidant additives. The minimum biobased carbon content of this grade is 87%, determined according to ASTM D6866.

### Aplicações:

Blends with HDPE, Stretch Films, Medium voltage XLPE insulation, Liners, General use packing, Blends for irrigation pipes, Blends with LDPE, Low voltage XLPE insulation, Wire insulation

### Processos:

Cast Film Extrusion.

### Control Properties:

Característica	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	2.7
Density	D 1505	g/cm <sup>3</sup>	0.918

### Typical Properties - Films:

Blown Film Properties<sup>a</sup>

Característica	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	30/30
Elongation at Break (MD/TD)	D 882	%	1220/1440
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	180/200
Dart Drop Impact	D 1709	g/F50	90
Elmendorf Tear Strength (MD/TD)	D 1922	gF	120/340

(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.