

TRICOLENE® LLB1918AS-V

Linear Low Density Polyethylene Resin

Applications/Uses

- Trash bags
- General packaging
- Heavy duty bags
- Stretch wrap

Product Description

Tricolene LLB1918AS-V is a linear low density butene copolymer resin. It is suggested in heavy duty bags and garment film, and in industrial packaging. LLB1918AS-V provides superior toughness and strength.

TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUE (ENGLISH)	TYPICAL VALUE (METRIC)	ASTM
Melt Index	1.0 g/10 min		D 1238
Density	0.918 g/cm ³		D 792
Thickness	1.0 mil	25 µm	
Tear Strength (MD/TD)		100/330 g	D 1922
Dart Drop Impact F50		100 g	D 1709/A
Low Friction Puncture	8 in-lb/mil	34 J/mm	
Tensile Strength (MD/TD)	7,100 psi/4,900 psi	49/34 Mpa	D 882
Yield Strength (MD/TD)	1,600/1,600 psi	11/11 Mpa	D 882
Elongation (MD/TD)	540/830%	540/830%	D 882
1% Secant Modulus (MD/TD)	29,00/33,400 psi	200/230 Mpa	D 882
Haze	11%	11%	D 1003
Gloss @ 45°	56	56	D 2457

a Properties designated have been determined using methods which are in accordance with, or substantially in accordance with, the specified testing standards.

b Typical Values represent average laboratory values and are intended as guides only, not as specifications.

c Condition 190°C/2.16 kg.

d Film properties are typical of blown film extruded on a 2.5" extruder with 4" die and 100-mil die gap at a blow up ratio of 2.5:1, but are dependent upon operating conditions.

Additive: Slip 1502ppm, Antiblock 6300ppm

TRICON ENERGY LTD

777 POST OAK BLVD, STE 550, HOUSTON, TEXAS 77056, USA
 Tel : +1 713 963 0066 Fax : +1 713 985 9160 www.triconenergy.com

The information and data presented herein is true and accurate to the best of our knowledge. No warranty or guarantee expressed or implied, is made regarding performance or otherwise. It is the user's responsibility to satisfy itself as to the suitability, accuracy, reliability, or completeness of such information for its particular use.