

# 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 <sup>3</sup>		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

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