

LLDPE - C8[®] 118 - B8 Series Resin

Octene Copolymer C8 - LLDPE Film Resins

Grades

118--B8

Additive Packages

Processing AO only

Applications

General purpose film, co-extrusion and lamination
Heavy duty shipping sacks, high strength packaging

Property	ASTM ⁽¹⁾	Typical Values ⁽²⁾ for 1020A
Melt Index ⁽³⁾	D 1238	1.0 g/10 min
Density	D 792	0.920 g/cm ³
		METRIC UNITS ENGLISH UNITS

Film Properties⁽⁴⁾

Thickness		25 µm	1.0 mil
Tear Strength	MD D 1922	420 g	
	TD	605 g	
Dart Drop Impact, F ₅₀	D 1709/A	270 g	
Low Friction Puncture ⁽⁵⁾		36 J/mm	8 in-lb/mil
Tensile Strength	MD D 882	48 MPa	7,000 psi
	TD	32 MPa	4,600 psi
Yield Strength	MD D 882	10 MPa	1,500 psi
	TD	10 MPa	1,500 psi
Elongation	MD D 882	480 %	480 %
	TD	670 %	670 %
1% Secant Modulus	MD D 882	175 MPa	25,400 psi
	TD	195 MPa	28,300 psi
Haze	D 1003	10 %	10 %
Gloss @ 45°	D 2457	59	59

Melt Index 1.0

Density 0.920

Features

- Easy processability
- High toughness and strength
- Excellent seal properties

Common Additives

- Processing antioxidant

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

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

(3) Condition 190°C/2.16 kg.

(4) Film properties are typical of blown film extruded on a 2.5" extruder with 4" die and 35-mil die gap at a blow up ratio of 2.5:1, but are dependent upon operating conditions.