

PRODUCT DATA SHEET

LDPE C8918 Low Density Polyethylene

Recommended Applications

- Medium and lightweight coatings and laminations
- Substrate coatings to provide heat sealability
- Hot melt laminating adhesive
- General purpose coatings

Description

Global Plastics low density polyethylene C8918 is a general-purpose formulation used for extrusion coating and laminating. It can be drawn down to low coating weights, is processable at high speeds, has good moisture barrier, and is heat-sealable at low temperatures.

Property	Value	Unit	Test Method
Melt Index (condition 190°C/2.16 kg)	8.0	g/10min	D 1238
Density	.918	g/cm ³	D 1505
Ultimate Tensile	1400	psi	D 638
Elongation	400	%	D 638
Tensile Modulus	20000	psi	D 1709

NOTES

Where required, test specimens are compression molded according to ASTM D1928

FDA

This resin complies with FDA 21 CFR 177.1520. For more information contact Product Regulatory Compliance.

PROCESSING

LDPE C8918 has very good flow properties which allow high speed coatings at weights from 4 lbs/2000 sq. ft. and up. Melt temperatures of 575 °F - 625 °F are suggested for this resin.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.