

AMERICOLENE® LL69181WA

AMERICOLENE

Low Density Polyethylene

Product Description

AMERICOLENE® LL69181WA: Optimal for robust uses. Pelletized LLDPE offers uniform blending, convenient handling, and compatibility with current machinery. Enhances film attributes, strength, and seal. Great for tough packaging, e.g., shipping sacks, liners. Also suits cold applications like stretch film and frozen food packaging. Available pure or with additives.

Regulatory Status

For regulatory compliance information, see AMERICOLENE® LL69181WA Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Application	Agriculture Film; Bags & Pouches; Can Liners; Film Wrap; Food Packaging Film; Heavy Duty Packaging; Lamination Film; Liner Film; Retail Carryout Bags; Shrink Film
Market	Flexible Packaging
Processing Method	Blown Film

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (190 °C/2.16 kg)	1.0	g/10 min	1.0	g/10 min	ASTM D1238
Base Resin Density, (23 °C)	0.918	g/cm ³	0.918	g/cm ³	ASTM D1505
Product Density, (23 °C)	0.922	g/cm ³	0.922	g/cm ³	ASTM D1505
Film					
Dart Drop Impact Strength, F50	190	g	190	g	ASTM D1709
Tensile Strength at Break					
MD	8100	psi	55.8	MPa	ASTM D882
TD	6100	psi	42.1	MPa	ASTM D882
Tensile Elongation at Break					
MD	580	%	580	%	ASTM D882
TD	700	%	700	%	ASTM D882
1% Secant Modulus					
MD	29000	psi	200	MPa	ASTM D882
TD	32500	psi	224	MPa	ASTM D882
Elmendorf Tear Strength					
MD	325	g	325	g	ASTM D1922
TD	650	g	650	g	ASTM D1922
Thermal					
Vicat Softening Point	221	°F	105	°C	ASTM D1525
Additive					
Slip	1350	ppm	1350	ppm	LYB Method
Antiblock	6500	ppm	6500	ppm	LYB Method

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