

# AMERICOLENE® LLAP5221

**AMERICOLENE**

## Superior Performance Linear Low Density Polyethylene for Film Extrusion

Americolene® LLAP5221 is a superior strength linear low density polyethylene. Film mechanical properties are comparable to premium strength LLDPE film resins.

Americolene® LLAP5221 is a barefoot resin for use in high performance film applications offering excellent extrusion processing and outstanding impact strength and tear resistance. Films exhibit good optical properties.

Americolene® LLAP5221 meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

### Suggested Applications:

Industrial packaging	Industrial liners	Food packaging	Stretch Film
Can liners	Consumer trash bags	Coextrusion	

### Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	<b>0.918</b>
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min	<b>2.0</b>
Dart Impact Tear Strength	D1709 D1922	g g	<b>250 270/430*</b>
Yield Strength	D882	psi	<b>1300/1300*</b>
Tensile Strength at Break	D882	psi	<b>5200/3800*</b>
Elongation	D882	%	<b>500/750*</b>
<b>Optical Properties:</b>			
Gloss (45°)	<b>D2457</b>		<b>80</b>
Haze	<b>D1003</b>	%	<b>2</b>

\* MD/TD

Note: Film Properties measured on 0.8 mil (20 micron) cast film extruded at 320 fpm with a melt temperature at 520°F. and melt curtain of 1.0 inch.

Actual film properties may vary depending on operating conditions and additive packages. Film properties are not intended to be used as specifications.

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