

## AMERICOLENE® ABL218NA

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### **Butene Linear Low Density Polyethylene (LLDPE without Additive)**

AMERICOLENE® ABL218NA is a butene Linear Low Density Polyethylene TNPP free grade suitable for general-purpose packaging. It is easy to process giving good tensile properties, impact strength and optical properties. 218NJA contains no slip and no antiblock additives.

#### **LLDPE Americolene® ABL218NA typically used for applications:**

Lamination film, thin liners, shopping bags, carrier bags, garbage bags, coextruded films, consumer packaging and other general-purpose applications.

#### **TYPICAL PROPERTY VALUES**

PROPERTIES	TYPICAL VALUES	UNITS TEST	UNITS TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</b>			
<b>at 190 °C and 2.16 kg</b>	2.0	dg/min	ASTM D1238
<b>Density</b>	0.918	kg/cm <sup>3</sup>	ASTM D1505
<b>OPTICAL PROPERTIES</b>			
<b>Haze</b>	29	%	ASTM D1003
<b>Gloss (45°)</b>	22	%	ASTM D2457
<b>FILM PROPERTIES</b>			
<b>Tear strength MD</b>	340	g	ASTM D1922
<b>Strength at Break MD</b>	36.5	MPa	ASTM D882
<b>Strength at Break TD</b>	26.0	MPa	ASTM D882
<b>Elongation at Break MD</b>	660	%	ASTM D882
<b>Elongation at Break TD</b>	780	%	ASTM D882
<b>Strength at Yield MD</b>	8.5	MPa	ASTM D882
<b>Strength at Yield TD</b>	8.6	MPa	ASTM D882
<b>Dart Impact</b>	70	MPa	ASTM D1709

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