

## RAMISLENE LLD9202S

### Linear Low Density Polyethylene

#### DESCRIPCIÓN

**RAMISLENE LLD9202S** 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.

#### TYPICAL 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 METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b> at 190 °C and 2.16 kg	2.0	g /10 min	ASTM D1238
<b>Density</b>	0.918	kg/cm <sup>3</sup>	ASTM D1505
<b>MECHANICAL PROPERTIES</b>			
Dart Impact Strength (1)	0.918	g/μm	ASTM D1709
<b>OPTICAL PROPERTIES</b>			
<b>Haze</b>	29	%	ASTM D1003
<b>Gloss at 45°</b>	22	-	ASTM D2457
<b>FILM PROPERTIES (1)</b>			
<b>Tensile Properties</b>			
Stress at break MD	36.5	MPa	ASTM D882
Stress at break TD	26	MPa	ASTM D882
strain at break, MD	660	%	ASTM D882
strain at break, TD	780	%	ASTM D882
stress at yield, MD	8.5	MPa	ASTM D882
stress at yield, TD	8.6	MPa	ASTM D882
1% secant modulus. MD	220	MPa	ASTM D882
1% secant modulus. TD	260	MPa	ASTM D882
<b>Puncture resistance</b>	63	J / m	Ramislene Method
<b>Elmendorf Tear Strength</b>			
MD	120	g	ASTM 1922
TD	340	g	ASTM 1922
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature</b>	98	°C	ASTM 1525

1) Properties have been measured by producing 25 μm film with a 2.5 BUR using 100% 218 NJA.  
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#### **PROCESSING CONDITIONS**

Typical processing conditions for 218NJ are:

Melt temperature: 185 - 205°C, Blow up ratio: 2.0 - 3.0

#### **STORAGE AND HANDLING**

Polyethylene resin should be stored in a manner to prevent a direct exposure to sunlight and or heat. The storage area should also be dry and preferably do not exceed 50°C. RAMISLENE would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PE resin within 6 months after delivery.

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