



750 Town & Country Blvd. Suite 600, Houston, TEXAS

## Metallocene Linear Low Density Polyethylene

## MLL1018BP

### PRODUCT DESCRIPTION

Hexene based metallocene LLDPE resin for blown film application.

### APPLICATIONS

Product used for blown film applications that requires superior puncture strength and toughness.

### TYPICAL PROPERTIES

Properties		Typical Value	Unit	Test Method
Melt Flow Index (190°C/2.16 kg)		1.0	g/10 min	ASTM D1238
Density		0.918	g/cm <sup>3</sup>	ASTM D792
Elmendorf Tear Strength	MD	260 - 280	g	ASTM D1922
	TD	380 - 400		
Tensile Strength at Break	MD	10,400 - 10,600	psi	ASTM D882
	TD	9,200 - 9,400		
Elongation at Break	MD	660 - 680	%	ASTM D882
	TD	770 - 790		
Vicat Softening Temperature		109.0	°C	ASTM D1525
Haze		22.0	%	ASTM D1003
Gloss MD, 45°		32		ASTM D2457
Dart Drop Impact Strength, F50		>1000	g	ASTM D1709

### ADDITIVE

Antiblock	None
Slip	None
Other	Thermal Stabilizer and PA

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