

RAMOLENE

LLD2

For resin blend stock and food packaging. Excellent mechanical and sealing properties with extrusion and down gauging advantages.

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<u>Physical Properties</u>		<u>Typical Value</u>	<u>ASTM Method</u>
Melt Index, (gm/10 min)		2.0	D-1238
Density, (gm/cm ³)		0.919	D-1505
Film Gauge (mil)		1.0	
Dart Drop Impact, F ₅₀ (grams)		110	D-1709A
Elmendorf Tears Strength (grams)	MD	150	D-1922A
	TD	350	
Tensile Strength @ Yield (psi)	MD	1,400	D-882
	TD	1,600	
Tensile Strength @ Break (psi)	MD	4,000	D-882
	TD	3,100	
Ultimate Elongation, (%)	MD	700	D-882
	TD	900	
1% Secant Modulus, (psi)	MD	28,000	D-882
	TD	31,000	

Typical film property as measured on a 1.0 mil blown film sample fabricated at a 2.5:1 B.U.R.

This material complies with FDA regulations in 21 CFR, section 177.1520, paragraph C, section 3.1a.

Melt temperature of 380°F is recommended for LLD2 with blow-up ratios of 2:1 or higher.

The data listed represents average value and are believed to be reliable. They are given for information; no guarantee of their accuracy is made.

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