

## LD20-002

### Low Density Polyethylene

**LD20-002** is a certified prime resin specially designed for production of heavy duty Blown films for industrial applications requiring excellent mechanical properties. **LD20-002** features easy processability and films exhibit high toughness, high impact and tear strength, and excellent shrinkage properties. Minimum recommended film thickness is 2.5 mils. **LD20-002** contains no slip and medium antiblock.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES	
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	0.25	
Density	D1505	g/cm <sup>3</sup>	0.920	
Dart Drop Impact (2.0 mil)	D1709A	g	260	
Film Thickness		mil	2.0	
FILM			MD VALUES	TD VALUES
Tensile Strength @ Break	D882	psi	4640	2900
Tensile Strength @ Yield	D882	psi	1890	1890
Elmendorf Tear Strength	D1922	g	600	150
Tensile Elongation @ Break	D882	%	200	600
Secant Modulus 1% Secant	D882	psi	25100	30000



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