

Technical Data Sheet

LASTAR 20-020A

Low Density Polyethylene

LD20-020 is a certified prime resin specially designed to meet the requirements of most 1 to 3 mils thickness Blown film liner applications. **LD20-020** features easy processability. Large lot size and superior lot-to-lot uniformity ensure consistent film production. Minimum recommended film thickness is 1.0 mil. **LD20-020** contains no slip and no antiblock. **LD20-020** complies with FDA regulation 21CFR 177.1520 (c) 2.1 + 2.2 and with most international regulations concerning the use of Polyethylene in contact with food articles.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES	
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	2.0	
Density	D1505	g/cm ³	0.919	
Dart Drop Impact (1.5 mil)	D1709A	g	85	
Film Thickness		mil	1.5	
FILM			MD VALUES	TD VALUES
Tensile Strength @ Break	D882	psi	3630	2760
Tensile Strength @ Yield	D882	psi	1450	1450
Elmendorf Tear Strength	D1922	g	580	120
Tensile Elongation @ Break	D882	%	350	600
Secant Modulus ³ 1% Secant	D882	psi	25400	29700
OPTICAL			PROCESS	VALUES
Gloss (45° , 0.984 mil)	D2457		Blown Film	10
Haze (0.984mil)	D1003	%	Blown Film	1.5



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