

LD20-020

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



The technical information, suggested uses and applications presented are made without charge and are believed to be reliable; however, the Ravago Group* disclaims responsibility for reliance and results of use of this information. THE RAVAGO GROUP DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT(S) DESCRIBED HEREINABOVE, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The Ravago Group expressly disclaims any statements or suggestions as being inducement. All users should rely upon their own knowledge and testing in determining product suitability.