

LD 20-050 Low Density Polyethylene

SureSpec LD 20-050 is a certified prime grade resin designed for extrusion coating applications used in general purpose packaging. **LD 20-050** features a combination of easy processability, good heat seal and good WVTR. Applications include liquid packaging, folding cartons, cup stocks and general paper and board coating. **LD20-050** complies with FDA regulation 21CFR 177.1520 and with most international regulations concerning the use of Polyethylene in contact with food articles.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
RESIN			
Melt Flow Rate (190 ° C, 2.16kg)	D1238	g/10 min	5.1
Density	D1505	g/cm	0.923
Melting Point	D3418	° F	227
Vicat Softening Temperature	D1525	° F	213
WVTR	F1249	100in ² per day	1.19 g
OTR	D3985	100in ² per day	470 cm ³

Typical Value of Properties not to be construed as specifications

* Test Made on injection molded Type 1 tension test specimen according to ASTM D2146

1 - 1% secant @ 0.051 in/min. speed.

2 - @ 2 in/min.



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