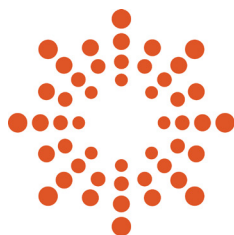


## LD20-020C

### Low Density Polyethylene

**LD20-020C** is a certified prime resin designed for high clarity Blown films for packaging of articles requiring good opticals. **LD20-020C** features optimal balance of film strength, stiffness, good openability and excellent sealability as well as easy processability. Maximum recommended film drawdown is 1.0 mil. **LD20-020C** contains medium slip and medium antiblock. **LD20-020C** complies with FDA regulation 21CFR 177.1520 (c) 2.2 and 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 <sup>3</sup>	0.922	
Dart Drop Impact (F50, 1.0 mil)	D1922	g	85	
Film Thickness		mil	1.3	
FILM			MD VALUES	TD VALUES
Tensile Strength @ Break	D882	psi	3770	2180
Tensile Strength @ Yield	D882	psi	1450	1600
Elmendorf Tear Strength	D1922	g	370	160
Tensile Elongation @ Break	D882	%	180	550
Secant Modulus <sup>3</sup> 1% Secant	D882	psi	33900	36000
OPTICAL			PROCESS	VALUES
Gloss (45° , 0.984 mil)	D2457		Blown Film	75
Haze (0.984mil)	D1003	%	Blown Film	5.5



## Genesis Polymers

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