



TECHNICAL DATA SHEET (TDS)

LLDPE LL1-20-OA LINEAR LOW DENSITY POLYETHYLENE

OVERVIEW: Octene copolymer.

Easy processability, high toughness and strength, excellent seal properties.

Applications: food packaging freezer film, lamination and sealant film.

Complies with: U.S. FDA 21, CFR 177.1520 (C) 3.2a.

ADDITIVE: Antiblock: None Slip: None Processing Aid & Processing Antioxidant: Yes

Properties	Test Method	Units	Nominal Values
Melt Index (190° C/2.16 Kg)	ASTM D1238	g/10min	1.0
Density	ASTM D792	g/cm ³	0.92
Properties			
Tensile strength at yield MD	ASTM D882	Psi/MPa	1500/10
Tensile strength at yield TD	ASTM D882	Psi/MPa	1500/10
Tensile strength at break MD	ASTM D882	Psi/MPa	7000/48
Tensile strength at Break TD	ASTM D882	Psi/MPa	4600/32
Elongation MD	ASTM D882	%	480
Elongation TD	ASTM D882	%	670
1% Secant Modulus MD	ASTM D882	Psi/MPa	25400/175
1% Secant Modulus TD	ASTM D882	Psi/MPa	28300/195
Dart Drop Impact (F ₅₀)	ASTM D1709/A	g	270
Haze	ASTM D1003	%	10
Gloss (45°)	ASTM D2457		59

Film properties are typical of blown film extruded on a 2.5' extruder with 4' die and 100-mil die gap at a blow up ratio of 2, 5:1. But are dependent upon operating conditions.

The above information is provided in good faith. PACIFIC is not responsible for any processing or compounding which may occur to produce finished articles, packaging materials or their components. Further, PACIFIC MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, REGARDING THE INFORMATION GIVEN FOR THE PRODUCTS DESCRIBED, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR PARTICULAR PURPOSE.

825 BRICKELL BAY DRIVE, SUITE 1750, MIAMI, FLORIDA 33131
TELEPHONE (305) 358-1900 WWW.PACIFIC-LTD.COM



Rev. April 2022