

### Extruded low density polyethylene

#### General Information

General purpose linear LDPE, available from 2 to 40 mil.

#### Physical Properties

Apparent Density	0.920	g/cm <sup>3</sup>	ASTM - D1505
Gloss (60°)	45	GU	ASTM - D2457
Transmittance	87	%	ASTM - D1003
Durometer Hardness - Type D (Shore A)	1.5	-	ASTM - D2240

#### Mechanical Properties

Tensile Strength at Break (MD/TD)	3400/1850	psi	ASTM - D882
Tensile Elongation at Break (MD/TD)	200/450	%	ASTM - D882

#### Thermal Properties

Melt Mass-Flow Rate (MFR) (190° C/2.16kg)	2.0	g/10 min	ASTM - D1238
Melting Temperature	110	°C	ISO - 3146
Peak Crystallization Temperature	95	°C	ASTM - D3418

#### Technical Information Notes

Complies with:

U.S. FDA 21 CFR 177.1520(c)2.2.

Suitable polymer for direct and indirect food contact

U. S. FDA-DMF Noted on a Drug Master File

Europe EU-Directive 2002/72/EC

Canadian HPFB No Objection (With Limitations)

**Original Issue Date-** 2/11/2020

**Approval Date-** 2/11/2020

**Revision-** A

#### Listed Values:

The above values are typical property values not to be construed as specification limits.

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