

Global D-2022 Low Density Polyethylene, Film Extrusion Grade (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

Description-transparency, high toughness, flexibility, high impact strength, good chemical resistanceApplications-bagsMeets FDA requirements as listed in food additives regulation 21 CFR 117.1520 for use in direct contact with foodInformation provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-D-2022-Low-Density-Polyethylene-Film-Extrusion-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ASTM D1505
Melt Flow	0.28 g/10 min @Load 2.16 kg, Temperature 190 °C	0.28 g/10 min @Load 4.76 lb, Temperature 374 °F	Condition G; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	16.0 MPa	2320 psi	ASTM D638
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Dart Drop Test	190 g	0.419 lb	ASTM D1709

Thermal Properties	Metric	English	Comments
Vicat Softening Point	98.9 °C	210 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	16 %	16 %	ASTM D1003

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