

Global ST-1018 Low Density Polyethylene, Injection Molding Grade (discontinued **)

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

Material Notes:

Description-transparency, high toughness, flexibility, high impact strength, good chemical resistanceApplications-packagingMeets 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-ST-1018-Low-Density-Polyethylene-Injection-Molding-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.916 g/cc	0.0331 lb/in ³	ASTM D1505
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 190 °C	30 g/10 min @Load 4.76 lb, Temperature 374 °F	Condition G; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	7.03 MPa	1020 psi	ASTM D638
Tensile Strength, Yield	9.03 MPa	1310 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	82.8 °C	181 °F	ASTM D1525

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