

Total Lacqtene® FD 0270 LDPE, blown film, compounding, injection molding (discontinued **)

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

Material Notes:

Low density radical polyethylene made by high pressure process. Temperature profile (°C) for injection molding: 200 to 260
Information provided provided by Total Petrochemicals. Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Lacqtene-FD-0270-LDPE-blown-film-compounding-injection-molding-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ISO 1183
Melt Flow	2.1 g/10 min	2.1 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	53	53	ISO 868
Tensile Strength at Break	14.0 MPa	2030 psi	ISO 527
Tensile Strength, Yield	12.0 MPa	1740 psi	ISO 527
Elongation at Break	650 %	650 %	ISO 527
Modulus of Elasticity	0.240 GPa	34.8 ksi	ISO 5527
Dart Drop Test	140 g	0.309 lb	50μ; ISO 7765-1

Thermal Properties	Metric	English	Comments
Melting Point	112 °C	234 °F	ISO 11357-3
Vicat Softening Point	96.0 °C	205 °F	ISO 306

Optical Properties	Metric	English	Comments
Haze	9.0 %	9.0 %	50μ; ASTM D 1003

Descriptive Properties	Value	Comments
Food Status	This material conforms to both European and American Food contact regulations.	

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