

Dow FINGERPRINT™ DFDA-7510 NT Linear Low Density Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

Material Notes:

FINGERPRINT™ DFDA-7510 NT resin is produced using UNIPOL™ process technology. It is intended for use in micro irrigation tube, durable hose and tube, profile extrusion, and injection molded fitting applications. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-FINGERPRINT-DFDA-7510-NT-Linear-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	natural resin; ASTM D792
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F_o; Compression molded parts prepared according to ASTM D 1928, condition A.; ASTM D1693
High Load Melt Index	44 g/10 min @Load 21.6 kg, Temperature 190 °C	44 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238
Melt Index of Compound	0.60 g/10 min @Load 2.16 kg, Temperature 190 °C	0.60 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	44	44	Compression molded parts prepared according to ASTM D 1928 Procedure C.; ASTM D2240
Tensile Strength at Break	15.5 MPa	2250 psi	Compression molded parts prepared according to ASTM D 1928 Procedure C.; ASTM D638
Tensile Strength, Yield	11.0 MPa	1600 psi	Compression molded parts prepared according to ASTM D 1928 Procedure C.; ASTM D638
Elongation at Break	800 %	800 %	Compression molded parts prepared according to ASTM D 1928 Procedure C.; ASTM D638
Flexural Modulus	0.310 GPa	45.0 ksi	Compression molded parts prepared according to ASTM D 1928, method 1, procedure B.; ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -100 °C	<= -148 °F	Compression molded parts prepared according to ASTM D 1928, procedure A.; ASTM D746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China