

Dow FLEXOMER™ DFDA-1098 NT Very Low Density Polyethylene (VLDPE) Resin

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

Material Notes:

FLEXOMER™ DFDA-1098 NT is an ethylene-butene copolymer with a unique olefinic composition for improved process-ability and material handling. This product is produced via gas phase polymerization from Dow. It can be utilized in monolayer and co-extruded films and in blends with other polyolefins to enhance melt strength and toughness of the structure. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-FLEXOMER-DFDA-1098-NT-Very-Low-Density-Polyethylene-VLDPE-Resin.php

Physical Properties	Metric	English	Comments
Density	0.886 g/cc	0.0320 lb/in ³	ASTM D792
High Load Melt Index	30 g/10 min @Load 21.6 kg, Temperature 190 °C	30 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238
Melt Index of Compound	0.45 g/10 min @Load 2.16 kg, Temperature 190 °C	0.45 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	5 sec; molded and tested in accordance with ASTM D4976; ASTM D2240
	85	85	1 sec; molded and tested in accordance with ASTM D4976; ASTM D2240
Tensile Strength at Break	3.45 MPa	500 psi	Molded and tested in accordance with ASTM D4976; ASTM D638
Elongation at Break	200 %	200 %	Molded and tested in accordance with ASTM D4976; ASTM D638
Flexural Modulus	0.0372 GPa	5.40 ksi	2% Secant; Molded and tested in accordance with ASTM D4976; ASTM D790 A

Thermal Properties	Metric	English	Comments
Melting Point	114 °C	237 °F	Dow Method (DSC)
Glass Transition Temp, Tg	-48.9 °C	-56.0 °F	reported value is for pure FLEXOMER™ DFDB-1088 NT, the primary component in this blend; Dow Method

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