

Dow FLEXOMER™ DFDB-9042 NT Very Low Density Polyethylene (VLDPE) Resin

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

Material Notes:

FLEXOMER™ DFDB-9042 NT is an ethylene-butene copolymer produced via gas phase polymerization from Dow. It has value as a sealant layer in multilayer film structures for dry and liquid packaging. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-FLEXOMER-DFDB-9042-NT-Very-Low-Density-Polyethylene-VLDPE-Resin.php

Physical Properties	Metric	English	Comments
Density	0.8985 g/cc	0.03246 lb/in ³	ASTM D792
Melt Index of Compound	5.2 g/10 min @Load 2.16 kg, Temperature 190 °C	5.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	91	91	1 sec; molded and tested in accordance with ASTM D4976; ASTM D2240
	93	93	5 sec; molded and tested in accordance with ASTM D4976; ASTM D2240
Tensile Strength at Break	11.4 MPa	1650 psi	Molded and tested in accordance with ASTM D4976; ASTM D638
Elongation at Break	900 %	900 %	Molded and tested in accordance with ASTM D4976; ASTM D638
Flexural Modulus	0.117 GPa	17.0 ksi	2% Secant; Molded and tested in accordance with ASTM D4976; ASTM D790 A

Thermal Properties	Metric	English	Comments
Melting Point	119 °C	246 °F	Dow Method (DSC)
Glass Transition Temp, Tg	-52.2 °C	-62.0 °F	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