

Evonik Corporation VESTOWAX® A 415 Polyethylene Wax

Category : Polymer

Material Notes:

VESTOWAX is synthetic waxes produced essentially by two different processes, the Ziegler polymerization and the Fischer-Tropsch process. The Ziegler polymerization of ethylene synthesizes polyethylene waxes with different densities and molecular weights depending on the preparation conditions. The Fischer Tropsch process yields straight chain products possessing low viscosity in the melt and having molecular weights between 500 and 1000g/mol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTOWAX-A-415-Polyethylene-Wax.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc @Temperature 23.0 °C	0.0340 lb/in ³ @Temperature 73.4 °F	DIN 53 479
Viscosity	<= 100 cP @Temperature 150 °C	<= 100 cP @Temperature 302 °F	DIN 52 007/1
Molecular Weight	1500 g/mol	1500 g/mol	

Mechanical Properties	Metric	English	Comments
Penetration	1.0 - 2.0	1.0 - 2.0	number in mm, 10-1; DGF M-III 9b

Thermal Properties	Metric	English	Comments
Dropping Point	118 - 123 °C	244 - 253 °F	DGF M-III 3

Descriptive Properties	Value	Comments
Color	white	

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