

Evonik Corporation VESTOWAX® SH 105 Fischer-Tropsch 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. This formulation is a hard paraffin.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTOWAX-SH-105-Fischer-Tropsch-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	<= 20 cP @Temperature 120 °C	<= 20 cP @Temperature 248 °F	DIN 52 007/1
Molecular Weight	750 g/mol	750 g/mol	

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

Thermal Properties	Metric	English	Comments
Dropping Point	108 - 114 °C	226 - 237 °F	DGF M-III 3

Descriptive Properties	Value	Comments
Color	white	

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