

Shinkong Synthetic Fibers Shinite® D201K011 PBT, Super Viscosity

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

Information from Shinkong Synthetic Fibers Corp.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shinkong-Synthetic-Fibers-Shinite-D201K011-PBT-Super-Viscosity.php

Physical Properties	Metric	English	Comments
Density	1.29 - 1.33 g/cc	0.0466 - 0.0480 lb/in ³	ASTM D792
Viscosity Measurement	1.18 - 1.22	1.18 - 1.22	[dl/g]; ASTM D2857
Melt Index of Compound	11 - 15 g/10 min @Load 2.16 kg, Temperature 250 °C	11 - 15 g/10 min @Load 4.76 lb, Temperature 482 °F	ASTM D1238
ASTM Color	-2.50 - 0.50	-2.50 - 0.50	[a Value]; JIS Z8722
	-2.00 - 2.0	-2.00 - 2.0	[b Value]; JIS Z8722
	81 - 87	81 - 87	[L Value]; JIS Z8722

Thermal Properties	Metric	English	Comments
Melting Point	>= 220 °C	>= 428 °F	ASTM D3418

Chemical Properties	Metric	English	Comments
Acid Value	<= 40	<= 40	[μ equ/g]; Zimmer PV07013.4

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.10 %	<= 0.10 %	ASTM D4019

Descriptive Properties	Value	Comments
THF Content, ppm	<2000	Gas Chromatography

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