

## Shinkong Synthetic Fibers Shinite® D201K002 PBT, Low 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-D201K002-PBT-Low-Viscosity.php](http://www.lookpolymers.com/polymer_Shinkong-Synthetic-Fibers-Shinite-D201K002-PBT-Low-Viscosity.php)

Physical Properties	Metric	English	Comments
Density	1.29 - 1.33 g/cc	0.0466 - 0.0480 lb/in <sup>3</sup>	ASTM D792
Viscosity Measurement	0.85 - 0.89	0.85 - 0.89	[dl/g]; ASTM D2857
Melt Index of Compound	40 - 48 g/10 min @Load 2.16 kg, Temperature 240 °C	40 - 48 g/10 min @Load 4.76 lb, Temperature 464 °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
	82 - 88	82 - 88	[L Value]; JIS Z8722

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

Chemical Properties	Metric	English	Comments
Acid Value	<= 25	<= 25	[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

## Contact Songhan Plastic Technology Co.,Ltd.

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