

TIMCAL TIMREX® T15 Primary Synthetic Graphite

Category : Carbon , Graphite , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

TIMREX Primary Synthetic Graphite is produced in a unique highly controlled graphitization process which assures narrow specifications and unequalled consistent quality due to: monitoring of all production and processing stages, strict final inspection, and clearly defined development processes. TIMREX Primary Synthetic Graphite shows unique properties thanks to the combination of a consistent purity, perfect crystalline structure and well defined texture. Information provided by TIMCAL

Order this product through the following link:

http://www.lookpolymers.com/polymer_TIMCAL-TIMREX-T15-Primary-Synthetic-Graphite.php

Physical Properties	Metric	English	Comments
Bulk Density	0.100 g/cc	0.00361 lb/in ³	Scott
Particle Size	17.7 µm	17.7 µm	d90, Typical
	15.5 - 20.5 µm	15.5 - 20.5 µm	d90, Guaranteed
Specific Surface Area	13 m ² /g	13 m ² /g	BET
Ash	0.080 %	0.080 %	Typical
	<= 0.10 %	<= 0.10 %	Guaranteed

Processing Properties	Metric	English	Comments
Moisture Content	0.10 %	0.10 %	Typical
	<= 0.50 %	<= 0.50 %	Guaranteed

Descriptive Properties	Value	Comments
Aspect	Fine black powder	
Crystallinity, Lc, nm	90	
Crystallite Height, nm minimum	80	
Interlayer Distance, nm	.3354-.3360	

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