

TIMCAL TIMREX® HSAG500 Primary Synthetic High Surface 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-HSAG500-Primary-Synthetic-High-Surface-Graphite.php

Physical Properties	Metric	English	Comments
Bulk Density	0.290 g/cc	0.0105 lb/in ³	Scott
Particle Size	0.80 µm	0.80 µm	d10
	>= 125 µm	>= 125 µm	95.3%
Specific Surface Area	>= 380 m ² /g	>= 380 m ² /g	BET, Guaranteed
Ash	<= 0.70 %	<= 0.70 %	Guaranteed

Component Elements Properties	Metric	English	Comments
Calcium, Ca	0.0030 %	0.0030 %	
Iron, Fe	0.060 %	0.060 %	
Silicon, Si	0.020 %	0.020 %	
Sulfur, S	0.0030 %	0.0030 %	

Descriptive Properties	Value	Comments
Aspect	Fine black powder	
Crystallinity, Lc, nm	30	

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