

TIMCAL TIMREX® KC44 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-KC44-Primary-Synthetic-Graphite.php

Physical Properties	Metric	English	Comments
Bulk Density	0.190 g/cc	0.00686 lb/in ³	Scott
Particle Size	48 µm	48 µm	d90
Specific Surface Area	7.0 m ² /g	7.0 m ² /g	BET
Ash	0.050 %	0.050 %	Typical

Electrical Properties	Metric	English	Comments
Electrical Resistivity	125 ohm-cm	125 ohm-cm	8% graphite
	200 ohm-cm	200 ohm-cm	6.5% graphite
	400 ohm-cm	400 ohm-cm	5.3% graphite
	500 ohm-cm	500 ohm-cm	4.8% graphite

Descriptive Properties	Value	Comments
Aspect	Fine black powder	
Battery type	High-drain C, D	
Flexural Strength	7 N	4.7% graphite
	7.5 N	4.7% graphite
	8 N	4.7% graphite
	8.5 N	4.7% graphite
Graphite	6-8%	Recommended concentration
Particle Shape	Isometric, irregular spheroids	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China