

TIMCAL TIMREX® MB25 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-MB25-Primary-Synthetic-Graphite.php

Physical Properties	Metric	English	Comments
Bulk Density	0.110 g/cc	0.00397 lb/in ³	Scott
Particle Size	27 µm	27 µm	d90
Specific Surface Area	8.0 m ² /g	8.0 m ² /g	BET
Ash	0.060 %	0.060 %	Typical

Electrical Properties	Metric	English	Comments
Electrical Resistivity	120 ohm-cm	120 ohm-cm	8% graphite
	200 ohm-cm	200 ohm-cm	6.1% graphite
	400 ohm-cm	400 ohm-cm	4.9% graphite
	700 ohm-cm	700 ohm-cm	4.1% graphite

Descriptive Properties	Value	Comments
Aspect	Fine black powder	
Battery type	High-drain AA, AAA, C, D	
Graphite	6-7%	Recommended concentration
Particle Shape	Anisometric, flakes	

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