

## TIMCAL TIMREX® MX15 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-MX15-Primary-Synthetic-Graphite.php](http://www.lookpolymers.com/polymer_TIMCAL-TIMREX-MX15-Primary-Synthetic-Graphite.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.0650 g/cc	0.00235 lb/in <sup>3</sup>	Scott
Particle Size	17 µm	17 µm	d90
Specific Surface Area	9.5 m <sup>2</sup> /g	9.5 m <sup>2</sup> /g	BET
Ash	0.050 %	0.050 %	Typical

Electrical Properties	Metric	English	Comments
Electrical Resistivity	90.0 ohm-cm	90.0 ohm-cm	8% graphite
	200 ohm-cm	200 ohm-cm	5.5% graphite
	300 ohm-cm	300 ohm-cm	4.7% graphite
	500 ohm-cm	500 ohm-cm	4% graphite

Descriptive Properties	Value	Comments
Aspect	Fine black powder	
Battery type	High-drain AA, AAA	
Flexural Strength	7.5 N	4.6% graphite
	8 N	5.8% graphite
	8.5 N	6.5% graphite
	9 N	7.4% graphite
Graphite	4-6%	Recommended concentration
Particle Shape	Strongly Anisometric, flakes	

## Contact Songhan Plastic Technology Co.,Ltd.

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