

## TIMCAL TIMREX® KS10 Primary Synthetic Graphite

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

### Material Notes:

TIMREX Primary Synthetic Graphite is produced in a 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. Applications: Special alloys (Al, Mg, Ti) Hard metals (WC, TiC, Mixed Carbides) Fe-sintered engineering parts Fe-self lubricating engineering parts Fe-friction parts Copper/bronze bearings Information provided by TIMCAL

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_TIMCAL-TIMREX-KS10-Primary-Synthetic-Graphite.php](http://www.lookpolymers.com/polymer_TIMCAL-TIMREX-KS10-Primary-Synthetic-Graphite.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.0900 g/cc	0.00325 lb/in <sup>3</sup>	Scott, Typical
Particle Size	6.2 µm	6.2 µm	d50
	10.5 - 14.5 µm	10.5 - 14.5 µm	d90, Guaranteed
	12.5 µm	12.5 µm	d90
Ash	0.060 %	0.060 %	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
Crystallite Height	70 nm	

## Contact Songhan Plastic Technology Co.,Ltd.

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