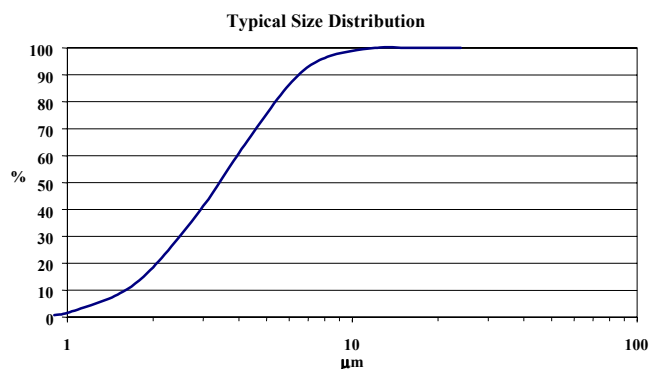


TECHNICAL DATA SHEET

TIMREX® KS6

Graphite



General Characteristics

Formula: Carbon

Aspect: Fine black powder

CAS number: 7782-42-5

Standard Packaging

-15 kg paperbags, 39 bags on one pallet (585 kg)

Guaranteed Values

Ash	0.1	% max
Moisture	0.5	% max
Crystallite Height	60	nm min
Interlayer Distance	0.3354-0.3360	nm
D90 (Laser Malvern)	5.8-7.1	µm

Typical Values

Purity		
Ash	0.06	%
Moisture	0.1	%
Al	10	ppm
As	<0.5	ppm
Ca	90	ppm
Co	<1	ppm
Cr	<1	ppm
Cu	<1	ppm
Fe	75	ppm
Mo	<1	ppm
Ni	2	ppm
Pb	<2	ppm
Sb	<0.1	ppm
Si	90	ppm
Ti	7	ppm
V	3	ppm
S	50	ppm
Cristallinity		
Lc	75	nm
c/2	0.3357	nm
Density		
Scott	0.07	g/cm ³
Xylene	2.255	g/cm ³
Specific Surface Area		
BET	20	m ² /g
Particle Size Distribution		
Laser Malvern		
D10	1.6	µm
D50	3.4	µm
D90	6.5	µm

DOC.3.01.02.402

Version 02/04

The information contained herein is believed to be correct. However, no warranty is made, either expressed or implied regarding the accuracy or the results to be obtained from the use of such information.

The user assumes all risk and liability for loss, damage or injury to property or others resulting from the use of the material.

No statement is intended or should be construed as recommendation to infringe any existing patent.

TIMCAL Group

TIMCAL Ltd., CH-6743 Bodio, Switzerland

Phone: +41 91 873 20 10 – Fax: +41 91 873 20 19 – <http://www.timcal.com>

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