

# **TECHNICAL DATA SHEET**

April 2014

## **TIMREX<sup>®</sup> HSAG100 TIMCAL Graphite**

**High Surface Area Graphite** 

### **General Characteristics**

Formula: Carbon Aspect: Fine black powder CAS number: 7782-42-5

Standard Packaging 15 kg drums, 20 drums on one pallet (300 kg)

### **Guaranteed Values**

Ash Crystallite Height Specific Surface Area	0.4 30 80	% max nm min m²/g min
Typical Values		
Purity		
Ash	0.2	%
Moisture	0.1	%
Са	100	ppm
Fe	300	ppm
Si	350	ppm
S	20	ppm
Crystallinity		
Lc	50	nm
c/2	0.337	nm
Density		
Scott	0.4	g/cm <sup>3</sup>
Xylene	2.19	g/cm <sup>3</sup>
Specific Surface Area		.,
BET	130	m²/g
Particle Size Distribution		
Laser Diffraction		
D10	2.8	μm
D50	13.2	μm
D90	43.0	μm

Imerys Graphite & Carbon Switzerland Ltd. Strada Industriale 12 – 6743 – Bodio – Switzerland Tel: +41 91 873 20 10 – Fax: +41 91 873 20 19 – <u>www.imerys-graphite-and-carbon.com</u>

Imerys Graphite & Carbon is a trademark of the Imerys Group

This product is in compliance with the EC Directive 2002/95/CE (Restriction Of Hazardous Substances, RoHS). 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 The information contained instance interference is a series interference in the interference of such information. The user assumes all risk and liability for intellectual property infringement and no statement(s) made in relation to this material is intended or shall be construed as inducing

infringement of a valid patent.