

The directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive 2011/65/EC updated by directive 2015/863/EC) was adopted by the European Parliament and the Council of the European Union to prevent pollution caused by the presence of hazardous substances in specific classes of electrical or electronic products. This RoHS Declaration is available from the download center of IMERYS Graphite & Carbon's website at [www.imerys-graphite-and-carbon.com](http://www.imerys-graphite-and-carbon.com).

IMERYS Graphite & Carbon products are not directly addressed by the RoHS Directive and compliance of the final homogenous materials incorporating our products shall be assessed by the concerned economic operators defined by the RoHS Directive. None of the banned substances listed in the RoHS directive are intentionally added/used by IMERYS Graphite & Carbon in any of its products listed herein. However, analyses nevertheless are performed at an independent external laboratory on representative samples from the main product categories every two years. The concentrations reported in this RoHS Declaration (the IMERYS Graphite & Carbon Maximum Results) are the highest values measured for each substance among all the grades analysed. This RoHS Declaration is intended as information for RoHS compliance purposes only and shall not be used for any other customer requirement.

### IMERYS Graphite & Carbon Product Information

Product Family Description: **Calcined Coke**

Commercial grades covered by this declaration: **TIMREX® FC and TIMREX® PC Products**

### Hazardous Substances Concentrations

ANALYSES PERFORMED BY:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Building 8, No.69, 1159 East Kangqiao Rd., Pudong District, Shanghai, P.R. China

### RESULTS

RoHS Hazardous Substances	RoHS Maximum	IMERYS Max. Results	Detection Limit	Analytical Method
Cadmium (Cd)	100	Not detected	2	IEC 62321-5:2013 ICP-OES
Lead (Pb)	1 000	Not detected	2	IEC 62321-5:2013 ICP-OES
Mercury (Hg)	1 000	Not detected	0.5	EC 62321-4:2013+A1:2017 ICP-OES
Hexavalent Chromium (Cr <sup>VI</sup> )	1 000	Not detected	8	IEC 62321-7-2:2017, UV/VIS IEC 62321-5:2013, ICP-OES
Polybrominated Biphenyls (PBBs)	1 000	Not detected	-	IEC 62321-6:2015 GC/MS
Polybrominated Diphenyl Ethers (PBDEs)	1 000	Not detected	-	
Di-2-ethyl Hexyl Phthalate (DEHP)	1 000	Not detected	50	IEC 62321-8:2017, GC/MS
Butyl benzyl Phthalate (BBP)	1 000	Not detected	50	
Dibutyl Phthalate (DBP)	1 000	Not detected	50	
Diisobutyl Phthalate (DIBP)	1 000	Not detected	50	


Limits and results are expressed in parts per million (ppm); 1 ppm = 0.0001 % by weight = 1 mg/kg. Each Individual PBDE and PBB detection limit is 5 ppm.

**Declaration: Version 6.4**

**Date:** 1<sup>st</sup> of March 2021

**Contact Person:** Editta Marchesan

**Function:** EHS Engineer and Product Stewardship



E.Marchesan

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 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.

Imerys Graphite & Carbon Switzerland Ltd.

Strada Industriale 12 – 6743 – Bodio – Switzerland

Tel: +41 91 873 20 10 – Fax: +41 91 873 20 19 – [www.imerys-graphite-and-carbon.com](http://www.imerys-graphite-and-carbon.com)

Imerys Graphite & Carbon is a trademark of the Imerys Group