

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's 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 yearly at an independent external laboratory on representative samples of the main product categories. 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: **Graphite**

Commercial grades covered by this declaration:

**TIMREX® BNB90**

**TIMREX® C-THERM™**

### 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)	<b>100</b>	<b>Not detected</b>	2	IEC 62321-5:2013 ICP-OES
Lead (Pb)	<b>1 000</b>	<b>Not detected</b>	2	IEC 62321-5:2013 ICP-OES
Mercury (Hg)	<b>1 000</b>	<b>Not detected</b>	0.5	EC 62321-4:2013+A1:2017 ICP-OES
Hexavalent Chromium (C <sup>VI</sup> )	<b>1 000</b>	<b>Not detected</b>	8	IEC 62321-7-2:2017, UV/VIS IEC 62321-5:2013, ICP-OES
Polybrominated Biphenyls (PBBs)	<b>1 000</b>	<b>Not detected</b>	-	IEC 62321-6:2015 GC/MS
Polybrominated Diphenyl Ethers (PBDEs)	<b>1 000</b>	<b>Not detected</b>	-	
Di-2-ethyl Hexyl Phthalate (DEHP)	<b>1 000</b>	<b>Not detected</b>	50	
Butyl benzyl Phthalate (BBP)	<b>1 000</b>	<b>Not detected</b>	50	IEC 62321-8:2017, GC/MS
Dibutyl Phthalate (DBP)	<b>1 000</b>	<b>Not detected</b>	50	
Diisobutyl Phthalate (DIBP)	<b>1 000</b>	<b>Not detected</b>	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 6.2**

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

**Contact Person:** Editta Marchesan

**Function:** EHS Engineer and Product Stewardship



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