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## **Product Compliance Declaration**

The company **Fillamentum Manufacturing Czech s.r.o.** declares that the product **Fillamentum ABS Extrafill** (3D printing filament) is compliant with:

- a) the Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (also known as RoHS 1),
- b) the Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (also known as RoHS 2),
- c) the Commission delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances (also known as RoHS 3),

and it may be used for production of electrical and electronic equipment.

The material used for production is only the acrylonitrile butadiene styrene. No substances limited in the Directive were detected in the input material. The colour versions of the product are made from the mixture of primary material with masterbatches. The colours of filament compliant according to the Directive are listed in Table 1. The limited substances are specified in Table 2.

The production is based on the Good Manufacturing Practice according to the Commission Regulation (EC) No 2023/2006. During the production, no substances are added into the material. The company guarantees that all the products placed on the market are in accordance with the technical documentation and the basic product requirements.

The declaration is based on the present knowledge and experience of the material suppliers. According to the RoHS directives, it is necessary to determine the concentration values of restricted substances on the final product.

Table 1: List of products Fillamentum ABS Extrafill that comply with the RoHS directives.

No.	Product name
1.	ABS Extrafill "Cobalt Blue"
2.	ABS Extrafill "Concrete Grey"
3.	ABS Extrafill "Luminous Orange"
4.	ABS Extrafill "Metallic Grey"
5.	ABS Extrafill "Natural"
6.	ABS Extrafill "Signal Brown"
7.	ABS Extrafill "Sky Blue"
8.	ABS Extrafill "Traffic Black"
9.	ABS Extrafill "Traffic Red"
10.	ABS Extrafill "Traffic White"
11.	ABS Extrafill "Traffic Yellow"
12.	ABS Extrafill "Transparent"
13.	ABS Extrafill "Turquoise Green"

Table 2: List of substances restricted according to the Annex II of the RoHS directives and the limits specified in input materials.

Substance name	Maximum concentration value	Concentration stated in input materials
Lead	0,1 %	< 0,1 %
Mercury	0,1 %	< 0,1 %
Cadmium	0,01 %	< 0,01 %
Hexavalent chromium	0,1 %	< 0,1 %
Polybrominated biphenyls (PBB)	0,1 %	< 0,1 %
Polybrominated diphenyl ethers (PBDE)	0,1 %	< 0,1 %
Bis(2-ethylhexyl) phthalate (DEHP)	0,1 %	< 0,1 %
Butyl benzyl phthalate (BBP)	0,1 %	< 0,1 %
Dibutyl phthalate (DBP)	0,1 %	< 0,1 %
Diisobutyl phthalate (DIBP)	0,1 %	< 0,1 %