

Flame Retardant rPETG EN13501-1 (B-s1, d0)

Date of issue: 22-10-2025 / Date of update: 22-10-2025

Product Reference:

rPETG EN13501-1 FR (B-s1, d0)

Color / variant:

Transparent / Clear (uncolored)

Type of product:

Granulate for LFAM / 3D printing filament

Polymer Type (main component):

PETG

Application:

Additive manufacturing / 3D printing

Statement of compliance with flammability standards

We herewith declare that the recycled material used for our **Flame Retardant rPETG EN13501-1 (B-s1, d0)** compound meets the below fire behavior classification according to EN13501-1:2007+A1:2009 standards.

Fire behavior	Smoke production	Flaming droplets
B	S1	D0

This classification is valid for the following product parameters

- Nominal thickness: 2mm till 8mm
- Nominal density: 1270kg/m

WINKLE declares that no other substances than abovementioned have been added to the compound.

Bisphenol A

The raw materials used are manufactured without the intentional use of Bisphenol A.

Halogen-free

The raw materials used are manufactured without the intentional use of halogens.

VOC - volatile organic compounds

The raw materials used are manufactured without the intentional use of volatile organic compounds.

Materials of concern

The raw materials used are free of materials of concern.

REACH - Regulation (EU) No. 1907/2006 of 18 December 2006

WINKLE is considered as downstream user. The manufacturer of raw materials used have ensured that any substance in the scope of REACH used has been registered. In addition, none of the potential Substances of Very High Concern > 0,1% as published on the candidate list of Substances of Very High Concern issued by ECHA are used.

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ROHS – Directive 2011/65/EU of 8 June 2011

- Lead
- Mercury
- Cadmium
- Hexavalent chromium
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ethers (PBDE)
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)

In the production of the polymer none of the above listed substances are used.

Limitation of Liability

The pellets/filament have not been tested for trace amounts of any of the substances mentioned above or listed within the referenced regulations. The user is solely responsible for determining the suitability of the material for their specific intended application.

WINKLE shall not be liable for any direct or indirect loss, damage, or expense resulting from the product's unsuitability for a particular application or use, unless such loss arises from Formfutura's gross negligence or willful misconduct.

This declaration is based on our current knowledge and replaces all previous statements on the same subject. It remains valid until further revision. The information applies only to the material as supplied from the WINKLE warehouse and does not include any additives, pigments, or modifications made by the buyer or third parties.

Disclaimer

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