



REGULATORY INFORMATION SHEET

PETG

1. PRODUCT IDENTIFICATION

TRADE NAME	Extruder PETG
MANUFACTURER	Extruder FD3D GmbH Glaserweg 24 6890 Lustenau Austria info@extruder.com
USE OF PRODUCT	Polyethylene terephthalate glycol-modified, suitable for 3D printing filament.

2. EUROPEAN UNION FOOD CONTACT

The product is in compliance with the rules of the Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union L 338/4 of 13 November 2004, modified by app. No. 5.17 of the regulation (EC) No. 596/2009 of 18 June 2009, Official Journal of the European Union L 188 of 18 July 2009, article 3.

Commission Regulation (EU) No 10/2011 (and amendments)

Good Manufacturing Practice (GMP) Regulation (EC) No 2023/2006

The composition of the product complies with the requirements of the Commission Regulation (EU) No. 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food, Official Journal of the European Union L 12/1 of 15 January 2011, last amended and corrected by Commission Regulation (EU) 2016/1416 of 24 August 2016, Official Journal of the European Union L 230/22 of 25 August 2016 and by Commission Regulation (EU) 2017/752 of 28 April 2017, Official Journal of the European Union L 113/18 of 29 April 2017.

The following restrictions have to be ensured:

MONOMER PM REF. SPECIFIC MIGRATION	Terephthalic acid 24910 7,5 expressed as terephthalic acid
LIMIT(S) [MG/KG]	Ethyleneglycol 16990, 53650 30 expressed as ethyleneglycol 2,2-dimethyl-1,3-propanediol 16390, 22437 0,05

3. REACH & ECHA

The material is free from substances of very high concern (SVHC) in a concentration above 0.1 %, as published by the European Chemicals Agency (ECHA) in the Candidate List in accordance with Article 59(10) of the REACH Regulation (EC) No. 1907/2006, last updated on June 25, 2025 (250 substances).

Furthermore, no substances are used or, to the best of our knowledge, present that are restricted under Annex XVII of the REACH Regulation concerning the manufacture, placing on the market or use of certain dangerous substances, mixtures and articles.

No substances are present that are subject to authorization according to Annex XIV.

4. ROHS

According to the information provided by our raw material suppliers and our standard production procedures, none of the substances listed in Directive 2011/65/EU of 8 June 2011 are allowed to be present:

- | | |
|----------------------------------|---|
| ▪ Lead (Pb) | ▪ Polybrominated Diphenyl Ethers (PBDE) |
| ▪ Mercury (Hg) | ▪ Bis(2-Ethylhexyl)phthalate (DEHP) |
| ▪ Cadmium (Cd) | ▪ Benzylbutylphthalate (BBP) |
| ▪ Hexavalent Chromium (Cr VI) | ▪ Dibutylphthalate (DBP) |
| ▪ Polybrominated Biphenyls (PBB) | ▪ Diisobutylphthalate (DIBP) |

5. SAFETY OF TOYS

EN 71-3

This compound complies with the requirements of European standard EN 71 regarding the safety of toys part 3: "migration of certain elements". Please note this standard refers to finished toys only.

6. BSE INFECTION

This compound is manufactured without any derivatives of animal origin. There is no scientific reason to assume any risk of BSE transfer through this compound.

7. LIABILITY LIMITATION

Please note that this compound has not been tested for trace amounts of the substances aforementioned or listed within the regulations. However, based on the information obtained from upstream suppliers there is no reason to expect any of the substances listed to be present within this compound. The values listed have been established on standardized test specimens at standard temperature and humidity conditions. The figures should be considered as guide values only. Under certain conditions the processing conditions can have a significant influence on the properties.

FD3D GmbH shall not be liable for the use of this information or of any product, method or equipment mentioned. Customers must undertake their own determination of this product's suitability and completeness for their own use, for the protection of the environment, for the health and safety of their employees and purchasers of their products. No warranty is made of the merchantability or fitness of any product, and nothing herein waives any of the seller's conditions of sale.