TECHNICAL DATA SHEET
Bulk PETG
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Bulk PETG –High-Performance, Cost-Effective and Extremely Clear PETG Granulate

Bulk PETG is an ultra-transparent, premium-grade PETG granulate, specifically optimized for large-format additive manufacturing (LFAM). This material delivers cost-efficient and high-volume production capabilities, ensuring consistent quality, durability, and reliability at scale.

Bulk PETG provides superior impact resistance, delivering the optimal balance of toughness, thermal stability, and mechanical strength. Its food-contact compliance makes it highly versatile for applications where both safety and performance are essential.

With consistent processing behavior, Bulk PETG supports a wide range of LFAM applications, making it user-friendly and highly reliable. Printed parts can easily be drilled, sawed, screwed, or adhesive bonded, offering maximum flexibility for post-processing and integration.

Choose Bulk PETG for scalable, and cost-effective 3D printing that combines clarity, strength, and reliability in one advanced material.

Important key features
- Food contact compliant.
- Extremely transparent PETG
- HDT of 79 °C.
- Easy to post process.
- Bisphenol A free and styrene free.

Suitable applications
- Signage.
- Lighting applications.
- 3D printing furniture.
- Advertising displays
- Electronic insulators.

Material properties	Typical value	Test Method
MFI (210°C, 2.16kg)	1.8 g/10min	ASTM D 1238
Specific Gravity (23°C)	1,28 g/cm^3	ASTM D792

Mechanical properties		
Tensile strength at yield (23°C, 50mm/min)	51,2 MPa	ASTM D638
Tensile strength at break (23°C, 50mm/min)	29 MPa	ASTM D638
Flexural strength	66.8 MPa	ASTM D790
Elongation at yield (23°C, 50mm/min)	6%	ASTM D638
Elongation at break (23°C, 50mm/min)	168%	ASTM D638

Thermal properties		
HDT	79 °C	ASTM D648
Melting Point	200 °C	-

Processing

Drying: 6-8hrs at 60-65 °C (<40ppm)

Zone 1: 210°C ±20 °C	**Zone 2:** 220°C ±20 °C	**Zone 3:** 230°C ±20 °C
Max temp: 240 °C	**Die temp:** 240°C ±20 °C	

Storage and handling

Bulk PETG is considered an inert and stable material under normal storage conditions and does not pose significant hazards. To maintain its quality, transparency, and mechanical performance, proper storage practices are essential.

For best results, store the PETG granulate in a tightly sealed container within a dry, cool, and well-ventilated environment. Exposure to direct sunlight or UV light should be avoided to preserve the material's properties and ensure consistent processing performance over time.

By following these guidelines, manufacturers can safeguard the long-term stability of Bulk PETG and ensure optimal results during LFAM processing.

Product export information
HS code: 39079980

Description: PETG resin in primary form

Origin: European Union

Disclaimer
The product and technical data provided in this datasheet are correct to the best of FormFutura BV's knowledge and are intended solely for reference and comparison purposes. Actual values may vary depending on printing conditions, model complexity, environmental factors, and other variables. Typical values are indicative only and do not constitute binding specifications.

All other information supplied, including that contained herein, is believed to be accurate but is provided on the express condition that the customer is responsible for making its own assessment to determine the product's suitability for a particular purpose.

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