EcoRub EcoAdd

EcoAdd PETG - Colours

Specifications

- · Recycled PETG material for 3D-printing
- 90-100 % recycled content
- Pellets available in several colours

Printing guidelines:

- Pre-Drying: Recommended for at least 4-6 h at 60 °C.
- Build Plate Temperature: Recommended to use 80 °C.
- Barrel Temperature: Recommended to use 180-190 °C.

| Property | Typical Value | Unit | Test Method |
|--------------------------------------|--|-------|-----------------------|
| Density | 1.28 | g/cm³ | ISO 1183 |
| Glass Transition Temperature * | 79 | °C | ISO 11357 |
| Vicat Softening * | 77 | °C | ISO 306 Method A50 |
| Heat Deflection Temperature * | 74 | °C | ASTM D648 0.46 Mpa |
| Weatherability | Not recommended for applications exposed to continuous long-term outdoor exposure. | | |

^{*} Overview of typical properties. Sample preparations were carried out by filament 3D printing of the respective test piece by using a Prusa i3 MK3S printer, 100% infill and 0.2 mm layer height.

In short



Recycled materials for 3D-printing

90-100 %

Amount of recycled content



EcoRub EcoAdd

Legal disclaimer

Legal disclaimer and notice to users

This document or publication was printed based on Ecorub's present state of knowledge, and Ecorub undertakes no obligation to update it. Because conditions of product use are outside Ecorub's control, Ecorub makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is intended as a license to operate under or a recommendation to infringe any patents.

The values shown are based on testing of laboratory test specimens and represent data that fall within the standard range of properties for natural material. These values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes. Colorants or other additives may cause significant variations in data values. Properties of moulded parts can be influenced by a wide variety of factors including, but not limited to, material selection, additives, part design, processing conditions and environmental exposure. Any determination of the suitability of a particular material and part design for any use contemplated by the users and the manner of such use is the sole responsibility of the users, who must assure themselves that the material as subsequently processed meets the needs of their product use.

To the best of our knowledge, the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy and completeness of such information. The information contained in this publication should not be construed as a promise or guarantee of specific properties of our products. It is the sole responsibility of the users to investigate whether any existing patents are infringed by the use of the materials mentioned in this publication. Moreover, there is a need to reduce human exposure to many materials to the lowest practical limits in view of possible adverse effects. To the extent that any hazards may have been mentioned in this publication, we neither suggest nor guarantee that such hazards are the only ones that exist. We recommend that persons intending to rely on any recommendation or to use any equipment, processing technique or material mentioned in this publication should satisfy themselves that they can meet all applicable safety and health standards. We strongly recommend that users seek and adhere to the manufacturer's current instructions for handling each material they use and entrust the handling of such material to adequately trained personnel only. The products mentioned herein are not intended for use in medical or dental implants.

Ecorub®, registered design and trademarks identified herein with®, TM, SM, unless otherwise noted, are trademarks of Ecorub AB.

© 2024 Ecorub AB. All rights reserved. Published January 2024.

