



Datasheet

RS PRO - Post Industrial PETG

Stock numbers:

2325346 | 2325347 | 2325348 | 2325349 | 2325350 | 2325352 | 2325353 | 2325354 | 2325355 | 2325356 | 2325357 | 2325358 | 2325359 | 2325360 | 2325361 | 2325362 | 2325363 | 2325364 | 2325365 | 2325366 | 2325367 | 2325368 | 2325369 | 2325370 | 2325371 | 2325372 | 2325373 | 2325374 | 2325375 | 2325376 | 2325377 | 2325378

EN

Post-Industrial PETG is a recycled grade and has the same print properties as normal PETG. Post Industrial PETG is easy to print with a low shrinkage and almost no warping. This material the perfect combination between ABS and PLA. PETG Post-Industrial PETG is more functional than ABS (stronger, more flexible etc.) with the reliability of PLA (easy to print).

Material features:

- Easy to print
- Post Industrial Recycled Grade
- Almost no warping and low shrinkage
- Good chemical resistance

Colours:

RS PRO - Post Industrial PETG is available from stock in a large selection of colours.

Packaging:

RS PRO - Post Industrial PETG is available in 500 grams packaging and 1 kg packaging.

| Filament specs. | | |
|--|-------------|-----------------------|
| Size | Ø tolerance | Roundness |
| 1,75mm | ± 0,05mm | ≥ 95% |
| 2,85mm | ± 0,10mm | ≥ 95% |
| Material properties | | |
| Description | Testmethod | Typical value |
| Specific gravity | ISO 1183 | 1,25 g/cc |
| MFI 200 °C / 5kg | ISO 1133 | 7,3 g/10min |
| Tensile strength at yield | ISO 527 | 46 MPa |
| Elongation strain at yield | ISO 527 | 4% |
| Elongation strain at break | ISO 527 | 61% |
| Tensile (E) modulus | ISO 527 | 2050 MPa |
| Impact strength - Charpy method at 23 °C Notched | ISO 179 | 4,9 kJ/m ² |
| Printing temp. | Print Lab | 240±10 °C |

Additional information:

Recommended temperature for heated bed is >70°C. Please note: The fan speed can be different from the normal PET-G parameters. If you have any cracking/delamination, please reduce your fan speed.

Post Industrial PETG can be used on most Dual printing desktop FDM or FFF technology 3D printers.

Storage: Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly.

- Bed adhesion: PEI Magigoo or hairspray
- Print speed: Medium
- Fan speed: Low/Medium
- Drying: Optional

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