

## SMARTFIL PETG

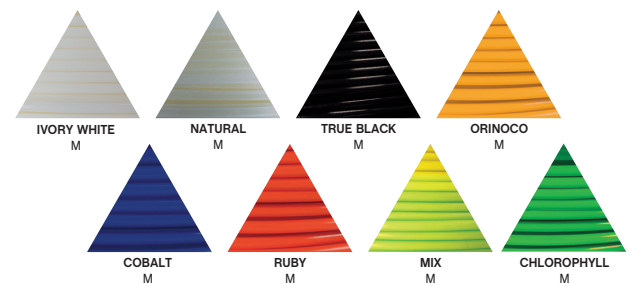
Copolyester con un 91% de transparencia en su estado natural, de gran parecido al vidrio y con una gran resistencia química también. Es muy fácil de imprimir, ya que tiene muy baja contracción y puede imprimirse sin cama caliente.

Copolyester with 91% transparency in its natural state, it is very glass like, with high chemical resistance. Accepted for use with food products (FDA). It is very easy to print, as it has very low shrinkage and requires no warm bed.

Copolyester avec une transparence de 91% à l'état naturel, très similaire au verre et avec une grande résistance aux produits chimiques. Il est très facile à imprimer, car il a un retrait très faible et peut être imprimé sans lit chaud.

# PETG

### Colores Disponibles / Available Colours



Physical Properties	Typical Value	Test Method
Material Density	1,27 g/cm <sup>3</sup>	ASTM D792
Chemical Name	Polyethylene Terephthalate	

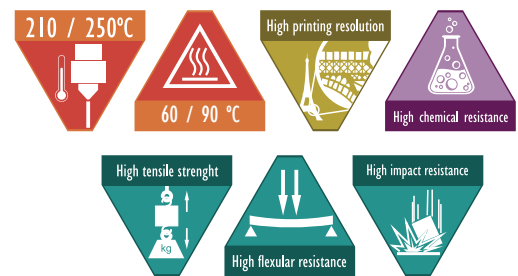
Mechanical Properties	Typical Value	Test Method
Flexural Modulus	2100 MPa	ASTM D790
Flexural Strength	69 MPa	ASTM D790
Notched Izod Impact	105 J/m	ASTM D256
Rockwell Hardness ( R Scale )	108 R	ASTM D785
Specific Gravity	1.27	ASTM D1505
Tensile Yield Strength	50 MPa	ASTM D638

Thermal Properties	Typical Value	Test Method
Heat Distorsion Temperature	70 °C	ASTM D648
Vicat Softening Temperature	85 °C	ASTM D1525

Printing Properties	Typical Value
Print Temperature	235±10 °C
Hot Pad	60-90 °C
Fan Layer	On (100%)

Size	Net W.	Gross W.	Diameters	Packaging Characteristics
M	750 g	975 g	1.75 / 2.85 mm	SmartBag, security seal
XL <sup>1</sup>	3300 g	3864 g	1.75 / 2.85 mm	SmartBag, security seal
XXL <sup>1</sup>	5600 g	6346g	1.75 / 2.85 mm	SmartBag, security seal
XXXL <sup>1</sup>	7000 g	7746 g	1.75 / 2.85 mm	SmartBag, security seal

(1)XL, XX and XXL son fabricados bajo demanda. Plazo de entrega entre 1 y 5 semanas.  
XL, XX and XXL spools are made under order. Delivered term between 1 and 5 weeks.



Recyclable  
Recyclable  
Recyclable



Apto para contacto  
con alimentos  
Food Approved  
Aliments approuvés

**Nota:** Ninguno de nuestro filamentos contiene material reciclado con el fin de ofrecer filamentos de la mejor calidad.

**Note:** None of our filaments is produced with recycled material in order to get the highest quality filaments.

**Note:** Nos filaments ne sont pas fabriqués avec des matériaux recyclés dans le but d'offrir un produit de la meilleure qualité