

## SMARTFIL<sup>®</sup> E.P.

Como su nombre indica, se trata de un material muy fácil de imprimir, que no requiere de cama caliente y sin warping, lo que te permite obtener piezas de grandes dimensiones. También se trata de un material excelente para ser lijado y pintado tras la impresión. Otros aspectos a destacar del SMARTFIL E.P. es que es más rígido que el PLA.

This filament is really easy to print as it doesn't need heated bed and has no warping, which let you get big pieces. As well, it can be sanded, or filed, easily and its compatible with many painting materials. Other aspect you may like is that our SMARTFIL EP is harder than PLA.

# E.P.

### Colores Disponibles / Available Colours

Color	Name	Colour
Blanco	Ivory White	White
Negro	True Black	Black

Physical Properties	Typical Value	Test Method
Material Density	1,10 g/cm <sup>3</sup>	ISO 1183

Mechanical Properties	Typical Value	Test Method
Flexural Strength	126 MPa	ASTM D790
Flexural Modulus	4357 MPa	ASTM D790
Notched Izod Impact	32 kJ/m <sup>2</sup>	ASTM D256
Tensile Yield Strength	65.5 MPa	ASTM D638

Thermal Properties	Typical Value	Test Method
Heat Distorsion Temperature	144 °C	ASTM D1505
Vicat Softening Temperature	70 °C	ASTM D1525

Printing Properties	Typical Value
Print Temperature	200±10 °C
Hot Pad	0-60 °C
Fan Layer	On (100%)
Layer Height	> 0,2 mm

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>	8000 g	8746 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.



**Biocompostable**  
 Biocompostable  
 Biocompostables

**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.