

SMARTFIL® ABS

ABS especialmente aditivado para poder reducir el warping y el cracking. Excelente estabilidad dimensional y regularidad en la impresión.

A special additive is added to ABS to reduce contraction and warping. Excellent dimensional stability and regularity in printing.

ABS

Colores Disponibles / Available Colours

Color	Name	Colour
Natural	Natural	Natural
Blanco	Ivory White	White
Negro	True Black	Black
Amarillo	Orinoco	Yellow
Naranja	Sunset	Oranje
Coral	Coral	Coral
Rojo	Ruby	Red
Marrón	Mahogany	Brown
Verde	Chlorophyll	Green 1
Verde 2	Emerald	Green 2
Verde 3	Jade	Green 3
Verde 4	Olive	Green 4
Azul 1	Sapphire	Blue 1
Azul 2	Cobalt	Blue 2
Violeta 1	Wisteria	Violet 1
Violeta 2	Aubergine	Violet 2
Rosa	Hillier Lake	Pink
Gris	Antracite	Grey
Dorado	Gold	Gold
Plateado	Silver	Silver
Cambio de Color	Mix	Colour Transition

Physical Properties	Typical Value	Test Method
Material Density	1,04g/cm ³	ISO 1183

Chemical Name Acrylonitrile Butadiene Styrene

Mechanical Properties	Typical Value	Test Method
Charpy Notched Impact Strength ²	22 kJ/m ²	ISO 179
Flexural Strength	65 MPa	ISO 178
Hardness, Ball Indentation	97 MPa	ISO 2039-1
Tensile Stress at Yield ²	45 MPa	ISO 527
Tensile Modulus	2300 MPa	ISO 527

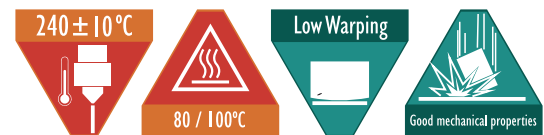
(2) at 23°C

Thermal Properties	Typical Value	Test Method
Heat Deflection Temperature	99 °C	ISO 75
Vicat Softening Temperature	105 °C	ISO 306

Printing Properties	Typical Value
Print Temperature	240±10 °C
Hot Pad	80-100 °C
Fan Layer	Off (Max 20%)

Size	Net W.	Gross W.	Diameters	Packaging Characteristics
M	750 g	975 g	1'75 / 2'85 mm	SmartBag, security seal
L	1000 g	1256 g	1'75 / 2'85 mm	SmartBag, security seal
XL ¹	3300 g	3864 g	1'75 / 2'85 mm	SmartBag, security seal
XXL ¹	5600 g	6346 g	1'75 / 2'85 mm	SmartBag, security seal
XXXL ¹	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.



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Recyclable
Recyclable



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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.