

SMARTFIL ABS F.P.

ABS ignífugo autoextinguible, probado bajo condiciones según normativa UL94, optando la categoría de V-1 para espesores de 1.5mm y V-0 para espesores superiores a 2.1mm, ideal para proteger sistemas con riesgo de prenderse.

Fireproof ABS tested according to UL94 standard, choosing the V-1 for 1,5mm wall thickness and V-0 for thickness above 2.1mm, ideal for protecting systems with high risk of fire.

ABS F.P.

Colores Disponibles / Available Colours

Physical Properties	Typical Value	Test Method
Material Density	1,17 g/cm ³	ASTM D792
Chemical Name	Acrylonitrile Butadiene Styrene	

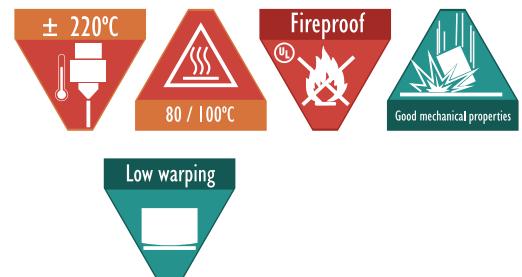
Mechanical Properties	Typical Value	Test Method
Charpy Notched Impact Strength ²	24 kJ/m ²	ISO 179
Flexural Modulus	180 MPa	ISO 178
Flexural Strength	56 MPa	ISO 178
Notched Izod Impact	23 kJ/m ²	ISO 180
Tensile Yield Strength (2) at 23°C	38 MPa	ISO 527

Thermal Properties	Typical Value	Test Method
Heat Distorsion Temperature	76 °C	ISO 75
Vicat Softening Temperature	306 °C	ISO 306

Printing Properties	Typical Value
Print Temperature	220±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
XL ¹	3300 g	3864 g	1 75 / 2'85 mm	SmartBag, security seal
XXL ¹	5600 g	6346g	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.



Recyclable
Recyclable
Recyclable



Ignifugo
Fire proof
Epreuve du feu

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