amg3D

Via delle Scuole, 13
Lugano 6900 - Switzerland

ABS Vapour Smoothable filament

FDM Technology, 230405

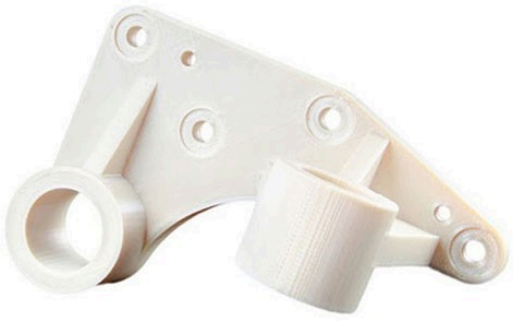
Introduction

ABS filament ideal to post-process with Vapour Smoothing

Weight: 1.000 gr
Diameter: 1,75 mm - 2,85 mm
Color: White

Main Features

- Very good impact resistance
- Great thermal stability
- Strong and stiff parts
- High dimensional stability
- Easy to process
- Vapour smoothable with very good results



Technical Data Sheet

Recommended 3D-Print processing parameters	
Nozzle Temperature	245 – 275 °C
Build Chamber Temperature	-
Bed Temperature	90 – 110 °C
Bed Material	PEI or Glass
Nozzle Diameter	⩾ 0.4 mm
Print Speed	30 - 90 mm/s

Mechanical Properties		
Tensile strength	36.5 MPa	ISO 527
Elongation at Break	8%	ISO 527
Impact Strength Charpy (notched)	29 kJ/m^2	ISO 180/A
Flexural strength	66 MPa	
Hardness	71 MPa	Ball Indentation

Thermal Properties		
Vicat Softening Temperature	90 °C	ISO 306
Melting Temperature	145 °C	ISO 294

Notes

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.