



PA6 MF (sPro6 MF)

Ultrasint PA6 MF (sPro6 MF) black contains a mineral reinforcement, it lends itself for applications where high stiffness and high strength are the most important requirements – a material suitable for parts with demanding mechanical property combinations. The characteristics of PA6 MF (sPro6 MF) black are as follows:

For Electrical Properties

- Volume resistivity
- Surface resistivity

For Chemical Properties

- resistance against particular substances

IDENTIFICATION	
Product Name	PA6 MF (sPro6 MF) Polyamide Powder
Material Name	Ultrasint PA6 MF
Application	- Engine compartment parts - Media flow & storage parts (i.e. oil) - Housings & Covers - Tooling equipment & molds
For use with	<input type="checkbox"/> MfgPro230 xS <input checked="" type="checkbox"/> MfgPro236 xS
SPECIFICATIONS	
Color	Black
Density	0.6 g/cm ³
Packing Density	1.44 g/cm ³
MECHANICAL PROPERTIES	
Tensile Strength (Mpa)	40
Tensile Modulus (Mpa)	3100
Elongation	1.6%
Flexural Strength (Mpa)	N/A
Flexural Modulus (Mpa)	2600
Impact Izod (KJ/m ²) (Unnotched)	4.6
THERMAL PROPERTIES	
Melt Temperature	219
Operating Temperature	N/A
Refresh Parameters	
Refreshing	New 4 : Old 6
Scaling	
X-axis (70mm / Xmm)	1.03
Y-axis (70mm / Ymm)	1.03
Z-axis (70mm / Zmm)	1.006