



PA6 LM

Ultrasint PA6 LM can be processed on most common SLS machines. Particularly, it contains an in-particle mechanical reinforcement and makes this powder suitable for industrial applications that require parts to withstand substantial mechanical stress in environments where high temperatures prevail. The characteristics of PA6 LM are as follows

- Enhanced mechanical properties
- Greater cost effectiveness when producing small quantities or complex parts.

IDENTIFICATION	
Product Name	PA6LM Polyamide Powder
Material Name	Ultrasint PA6 LM
Application	- Functional prototypes - High performance spare parts - Multi-purpose industrial goods - Durable and rigid jigs & fixtures
For use with	<input type="checkbox"/> MfgPro230 xS <input checked="" type="checkbox"/> MfgPro236 xS
SPECIFICATIONS	
Color	Black
Density	1.37 g/cm ³
Packing Density	0.59 g/cm ³
MECHANICAL PROPERTIES	
Tensile Strength (Mpa)	44
Tensile Modulus (Mpa)	1500
Elongation	17%
Flexural Strength (Mpa)	N/A
Flexural Modulus (Mpa)	1450
Impact (KJ/m ²)	6.6
THERMAL PROPERTIES	
Melt Temperature	193
Operating Temperature	N/A
Refresh Parameters	
Refreshing	New 4 : Old 6
Scaling	
X:	-
Y:	-
Z:	-