

## Powder PA12 - product's specification

GENERAL INFORMATION	
Status	Available
Category	Powder for SLS printing
Material type	Polyamide 12 powder
PACKAGING	
Type	Plastic bottle
Weight	2 kg
Dimensions	135 x 135 x 280 mm (5,3 x 5,3 x 11 in)
MATERIAL	
Granulation	20-100 $\mu\text{m}$ , average size 38 $\mu\text{m}$
Colour	Navy Grey
Material refresh rate	30%
PARAMETERS	
Elongation at Break XY (%)	13 %
Tensile Strength (Sturdy under stress)	41 (MPA)
Withstand the Elements at 0.45 MPA	143 *C
Shore Hardness ( D scale)	75
Roughness for layer thickness 100 $\mu\text{m}$	6,470 $\mu\text{m}$ (top surface)
PROPERTIES OF PRINTS	
Detailed	YES
Temperature resistant	YES
Durable against unfavourable condition	YES
Lightweight	YES
DESTINATION	

Functional prototypes	YES
End-use parts	YES
Detailed objects	YES