PA6 NE (sPro6 NE)

With PA6 NE (sPro6 NE) have in common that they show high modulus, high strength and excellent thermal distortion stability. These properties ensure precise feature control, very good mechanical properties and simple surface reprocessing of 3D printed parts. The characteristics of PA6 are as follows:

- High strength and rigidity
- Media tightness as-printed
- High HDTs
- Excellent heat-ageing performance

IDENTIFICATION	
Product Name	PA6 NE (sPro6 NE) Polyamide Powder
Material Name	Ultrasint PA6 NE
Application	- Engine compartment parts - Media flow & storage parts (i.e. oil) - Housings & covers - Tooling equipment & molds
For use with	☐ MfgPro230 xS ■ MfgPro236 xS
SPECIFICATIONS	
Color	Natural (Whitish)
Density	1.15 g/cm^3
Packing Density	0.52 g/cm^3
MECHANICAL PROPERTIES	
Tensile Strength (Mpa)	47
Tensile Modulus (Mpa)	1700
Elongation	16%
Flexural Strength (Mpa)	N/A
Flexural Modulus (Mpa)	1800
Impact Izod (KJ/m^2) (Unnotched)	3.2
THERMAL PROPERTIES	
Melt Temperature	220
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