SINTERIT

Powder FLEXA BLACK - product's specification

GENERAL INFORMATION	
Price	From 130 EUR / [kg]
Status	Available
Category	Powder for SLS printing
Material type	Thermoplastic Polyurethane Elastomer (TPU)
PACKAGING	
Type	Plastic bottle
Weight	2 [kg]
Dimensions	135 x 135 x 280 [mm] (5,3 x 5,3 x 11 [in])
MATERIAL	
Granulation	20-105 [µm]
Colour	Black
Material refresh rate	0 [%]
PARAMETERS	
Elongation at Break XY (%)	55 [%]
Tensile Strength (Sturdy under stress)	4,5 [MPA]
Softening point (Vicat method - A50)	82,3 [°C]
Hit's suppressing	100 [%]
Hardness (A Shore scale)	80 / 90 (depending on print setting)
Abrasion resistance	63 [%]
Elastic / Young's modulus E	47,2 [Mpa]
PROPERTIES OF PRINTS	
Flexible	Yes
Lightweight	Yes
DESTINATION	
Prototypes	Yes

Flexible objects	Yes