

TIGITAL® 3D-Set	PPP 371/ 80004
Appearance	Powder
Colour	black
Application	TBD
Particle Size Distribution	d(0,1): 15µm; d(0,5): 44µm; d(0,9): 80µm (Laser Diffraction)
Post-Curing Parameters*	30 min 75°C + 30 min 85°C + 60 min 115°C + 60 min 180°C
Processing	Selective Laser Sintering (SLS)
Storage conditions	15-25°C in its originally sealed package in a clean and dry environment for six (6) months upon the date of delivery.

* These post curing parameters are intended to give a guidance only and have to be individually checked and/or adjusted for each respective printed part geometry, used printing conditions and post curing setup by the buyer/user.

Mechanical Properties

Property	Value	Test method
Tensile Modulus	2200 MPa	According to ISO 527
Tensile Strength	32 MPa	According to ISO 527
Elongation at Break	2.4 %	According to ISO 527
Shore D- hardness	73,2D	According to ISO 868
Charpy- Impact Strength	8,57 kJ/m ²	According to Iso 179
Charpy- Notched Impact Strength	1,4 kJ/m ²	According to ISO 179
Izod- Impact Strength	7,85 kJ/m ²	According to ISO 180
Izod- Notched Impact Strength	2,07 kJ/m ²	According to ISO 180

Burning behaviour

Property	Value	Test method
UL 94	V-0 / 3,5mm	According to ISO 60695-11-10 (UL94)

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Certified according to
EN ISO 9001 / 14001

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