

TIGITAL® 3D-Set	PPP 371/ 15007
Appearance	Powder
Colour	beige
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	2800 MPa	According to ISO 527
Tensile Strength	40 MPa	According to ISO 527
Elongation at Break	2.5 %	According to ISO 527
Shore D- hardness	78D	According to ISO 868
Charpy- Impact Strength	7 kJ/m ²	According to ISO 179
Charpy- Notched Impact Strength	1,4 kJ/m ²	According to ISO 179
Izod- Impact Strength	7 kJ/m ²	According to ISO 180
Izod- Notched Impact Strength	2,1 kJ/m ²	According to ISO 180
Ball Indentation Hardness	HB74	According to ISO 2039-1

Burning behaviour

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

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As a part of our product information program each of our Product Data Sheets are periodically updated, so that the latest version shall prevail. Therefore, please contact our sales team to make sure that this Product Data Sheet is the most current version. The information in our Product Data Sheets is subject to change without notification.

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EN ISO 9001 / 14001