

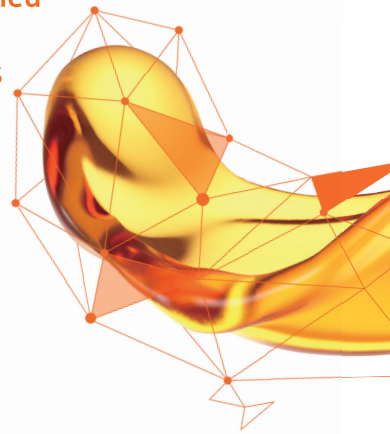
Tera Harz

www.itgraphy.com

TC-80DP

TC-80DP is a high abrasion resistance and strength. It is easy to finish and polish and can be stained with all types of composite staining kits. It enables to produce a long-term prosthesis with very high strength.

- High Flexural strength 190 Mpa.
- High tensile and impact strength.
- Nontoxic, biocompatible.
- For dental[C&B] and laminate.



1. PROPERTIES OF 3D PRINTING RESIN

Properties	Unit	TC-80DP	Remark
Color	-	Yellowish	-
Viscosity	cps @ 25°C	3,000 ± 200	Brookfield
Solid content	% @ 80 °C * 1h	≥ 98	-

2. PROPERTIES OF 3D PRINTING PRODUCT

Properties	Unit	TC-80DP	Remark
Color	-	A2	-
Shore hardness (D)	-	≥ 85	-
Flexural Strength	Mpa	≥ 200	ISO 10477
Flexural Modulus	Mpa	≥ 4,000	ISO 10477
Tensile Strength	Mpa	≥ 110	ASTM D638
Tensile Modulus	Mpa	≥ 4,000	ASTM D638
Elongation	%	≤ 20	ASTM D638
Impact Strength	J/m ²	≥ 4,200	ASTM D256(Notched)

Graphy
We like creating specialized materials.
"Smart Materials"

1607 Gasan SK V1 Center, 171, Gasan digital 1-ro, Geumcheon-gu, Seoul 08503 Korea

T. 82 2 864 3056 F. 82 2 864 3057 www.itgraphy.com