



HARZ Labs
MATERIALS FOR 3D PRINTING

HARZ Labs

Dental Pink Soft

Material Technical Data Sheet (TDS)

Version 1.2 / EN
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SECTION 1: DESCRIPTION AND APPLICATION

Dental Soft Pink is a flexible material designed for printing gingival masks.

SECTION 2: MATERIAL PROPERTIES

2.1 Characteristics of liquid

Tested property	Standard/Method	Result
Color	-	Pink
Odor	-	Weak
Density	ASTM D1298	1.1 ± 0.1 g/cm ³
Viscosity (25 °C)	ASTM D2393	350 ± 150 mPa·s

2.2 Mechanical properties

Tested property	Standard/Method	Result
Ultimate Tensile Strength	ASTM D638	6.0 ± 2.0 MPa
Tensile Modulus	ASTM D638	6.0 ± 2.0 MPa
Elongation at Break	ASTM D638	140 ± 20 %
Hardness	ASTM D2240	65 ± 5 Shore A

2.3 Special parameters

Tested property	Standard/Method	Result
Solubility (24h)	ASTM D3132	≤ 0.01 %
Sorption (24h)	ASTM D570	≤ 0.47 %
Free Monomer Extraction	ISO 10993	Passed
Cytotoxicity	ISO 10993	Passed
Irritation	ISO 10993	Passed
Sensitization	ISO 10993	Passed

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