HARZ Labs
MATERIALS FOR 3D PRINTING

HARZ Labs
Model Grey Form 2

Material Technical Data Sheet (TDS)

Version 1.2 / EN
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SECTION 1: DESCRIPTION AND APPLICATION

Designed for printing models that have high requirements in mechanical properties. Durable, non-shrinking and has weak odor.

SECTION 2: MATERIAL PROPERTIES

2.1 Characteristics of liquid

Tested property	Standard/Method	Result (Metric)
Color	-	Grey (opaque)
Odor	-	Odorless
Density	ASTM D1298	1.1 ± 0.1 g/cm^3
Viscosity (25 °C)	ASTM D2393	375 ± 225 mPa·s

2.2 Mechanical properties

Tested property	Standard/Method	Result (Metric)
Flexural Strength	ASTM D790	74.3 ± 4.7 MPa
Flexural Modulus	ASTM D790	2016 ± 198 MPa
Ultimate Tensile Strength	ASTM D638	45.2 ± 4.3 MPa
Elongation at Break	ASTM D638	6.1 ± 2.1 %
Hardness	ASTM D2240	74 ± 3, Shore D
IZOD Impact (Unnotched)	ASTM D4812	5.9 ± 0.2 kJ/m^2

2.3 Special parameters

Tested property	Standard/Method	Result
Solubility (24h)	ASTM D3132	≤ 0.01 %
Sorption (24h)	ASTM D570	≤ 0.47 %