

**SHINING 3D®**

W1

Suitable for General Purposes

- Washable
- High precision
- Good detail
- Easy to print
- Balanced strength and toughness

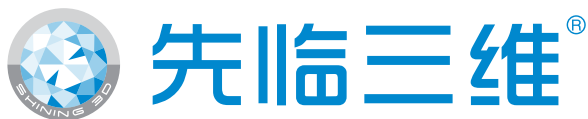


W1

General Properties	Norm	Typical Values
Appearance	--	Grey
Wavelength	--	405
Viscosity, 25 °C	ASTM D2393	173 mPas
Density (printed part)	ASTM D792	1.00~1.20 g/cm ³
Density (liquid resin)	ASTM D4052-18a	1.00~1.20 g/cm ³

Mechanical Properties	Norm	Typical Values
E Modulus	ISO 527	1811 MPa
Ultimate Tensile Strength	ISO 527	32 MPa
Elongation at Break	ISO 527	12%
Flexural Modulus	ISO 178	2027 MPa
Flexural Strength	ISO 178	78MPa
Hardness Shore D	ISO 868	85 D
HDT at 0.45 MPa	ISO 75	62.1°C
HDT at 1.82 MPa	ISO 75	53.6°C

Post Processing	Value
Cleaning time	8 mins
Recommended curing time	5 mins per side at 60°C



W1

工业通用型树脂

- 可水洗
- 精度高
- 细节清晰
- 易于成型
- 均衡的强度与韧性



W1

基础性能	测试标准	典型值
材料颜色	--	灰色
引发波长	--	405nm
粘稠度@25℃ cps	ASTM D2393	173 mPas
固态树脂密度	ASTM D792	1.00~1.20 g/cm3
液态树脂密度	ASTM D4052-18a	1.00~1.20 g/cm3

力学性能	测试标准	典型值
弹性模量	ISO 527	1811 MPa
最大拉伸强度	ISO 527	32 MPa
断裂伸长率	ISO 527	12%
弯曲模量	ISO 178	2027MPa
弯曲强度	ISO 178	78 MPa
表面硬度 Shore D	ISO 868	85 D
HDT at 0.45 MPa	ISO 75	62.1℃
HDT at 1.82 MPa	ISO 75	53.6℃

后处理方案	数值
清洗时间	8分钟
后固化时间	60℃加热，每面5紫外固化分钟