

Origin DM100™

Beige dental model resin with optional compination of strength, impact resistance, and dimensional stability.

General Properties	Norm	Typical Values
Appearance	—	Beige
Viscosity, 25°C	Cone/Plate Rheometer	750 cP
Density (liquid resin)	ASTM D4052-18a	1.12 g/cm ³

Tensile Properties	Norm	Typical Values
E Modulus	ASTM D638	2000 MPa
Ultimate Tensile Strength	ASTM D638	70 MPa
Elongation at Break	ASTM D638	5%

Impact Properties	Norm	Typical Values
Notched Izod, 23°C	ASTM D256	10 J/m

Hardness	Norm	Typical Values
Shore D	ASTM D2240	80

Thermal Stability	Norm	Typical Values
HDT at 0.45 MPa	ASTM D648	54°C
HDT at 1.82 MPa	ASTM D648	45°C



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