



RE 41

Water-washable Prototyping Resin



Application Area

High Speed Prototyping
Education
Medical Modeling
Toys

Compatible Machine

LCD, DLP printer
Lux 3, iLux Series recommended

RE 41 is a water washable prototyping resin with high precision and rapid printing advantages. Its low viscosity and water washable features make it easy to use during printing and curing. RE 41 is environmentally friendly with low volatility.



Water-washable



Fast



Accurate



Low Viscosity



Evaluate aesthetics during the design process.

Water washability makes post-processing easier.

Key Mechanical Properties :

Tensile Properties, ASTM D638	Metric	U.S.
Tensile Modulus	1450 MPa	211.7 ksi
Ultimate Tensile Strength	32 MPa	4.9 ksi
Elongation at Break	4.0 %	4.0 %
Impact Properties, ASTM D256	Metric	U.S.
Notched Izod (Machined), 23°C	13.0 J/m	0.24 ft-lb/in
Flexural Properties, ASTM D790	Metric	U.S.
Flexural Strength	57 MPa	9.6 ksi
Flexural Modulus	1650 MPa	277.3 ksi
General Properties	Metric	
Shore Hardness, ASTM D2240	86D	
Density, ASTM D792	1.24 g/cm ³	