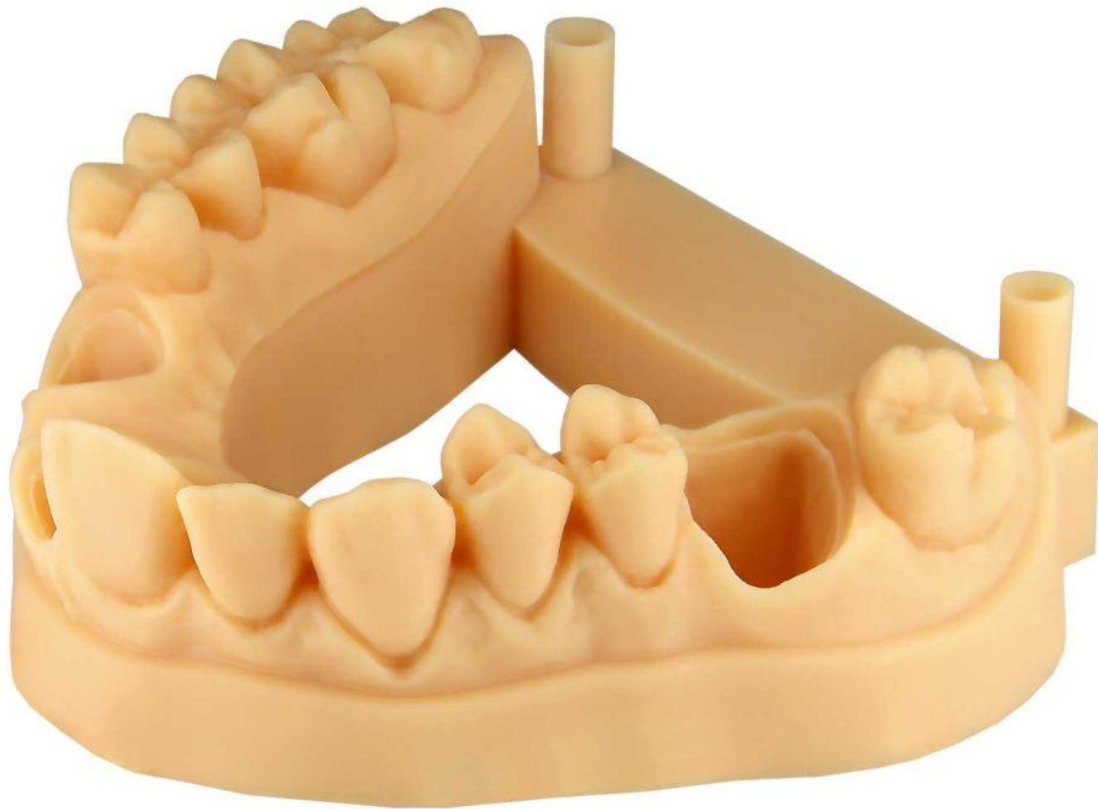


## Dental & Orthodontic Resin



Dental resin was developed for the manufacture of high resolution dental models. The matte finish allows models to be scanned accurately for verification purposes and the high viscosity of the formula produces superior details and surface finish. It can be used with traditional dental manufacturing methods or as a CAD-based model solution. You can easily die trim, margin mark with a red pencil and hand wax to the die without concerns for layer lines. Die paint sticks to the dies just like plaster and won't peel off. The material looks and feels like traditional gypsum models and allows for superior reproduction of anatomy detail. Dental resin is strong enough to allow for the repeated removal and replacement of a die to check occlusion and move through excursions without any loss of fit or causing excessive wear on the contact surfaces.

<b>Material Properties</b>	
<b>Description</b>	<b>Value</b>
Tensile Strength	56 MPa
Elongation at Break	3.5%
Flexural Strength	115 MPa
Flexural Modulus	3350 MPa
HDT (Heat Deflection Temperature) No heat treatment necessary	140°C (284°F)