3SP[™] E-Denstone Peach

Unspecified

EnvisionTEC, Inc.

Message:

EnvisionTEC's E-Denstone 3SP[™] Material was developed for model manufacturing. The peach color provides an attractive choice for modeling that is similar in look and feel to common die stones used in dental labs. It can be used with traditional dental manufacturing methods or as a CAD based model solution for any MCAD application. The low viscosity formula combined with high accuracy EnvisionTEC 3SP[™] printers helps to produce superior results with no loss of detail. E-Denstone 3SP[™] is also tough enough to check form and fit without any loss of fit or causing excessive wear on the contact surfaces. The cleanup does not use messy oils or heat that can cause distortion and takes only minutes. The biggest advantage is its fast build time, even running with 35 micron resolution in Z. This means fast turnaround of highly detailed accurate models.

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Dental, MCAD
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Recommended Machines:

ULTRA® 3SP[™], ULTRA® 3SP[™] HD, 3-Dent®, ULTRA® 3SP[™] Ortho

General Information		
Features	Low Viscosity	
	Outstanding Surface Finish	
Uses	Dental Applications	
	Modeling Material	
	Prototyping	
Appearance	Opaque	
	Orange	
	Tan	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Mechanical	Nominal Value	Unit
Tensile Strength	56.0	MPa
Tensile Elongation (Break)	3.5	%
Flexural Modulus	3350	MPa
Flexural Strength	115	MPa
Thermal	Nominal Value	Unit
Heat Deflection Temperature	140	°C

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Recommended distributors for this material

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Applications

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