

## Ren<sup>®</sup> Seamless Modeling/Fixture Paste Specifications

Product Number	RenPaste 4503	RenPaste 4618-1	Ren RP 4040	RenPaste 4618-1/Ren 4619	ASTM
Color	Brown	Light Grey	Off White	Light Grey	
Mix Ratio - Resin to Hrd'nr (by wt.)	100/90	100/50	N/A	100:50	
Mix Ratio - Resin to Hrd'nr (by vol.)	100/100	-	N/A	100:50	
Gel Time (min)	60-90	15	N/A	150	D-2471
Density (g/cm <sup>3</sup> )	0.8	0.9	1.6	0.9	D-1963
Hardness (Shore D)	60	76	88	76	D-2240
Compressive Strength (psi)	2,100	9,280	20,500	-	D-695
Flexural Strength (psi)	2,200	5,220	8,140	-	D-790
Deflection Temp. (264 psi) (°F)	118	122	-	-	D-648
Tg DMA Onset (°F)	137	-	-	220	D-4065
Tg DMA Peak (°F)	159	-	324	-	D-4065
Coefficient Of Thermal Expansion (in./in./°F)	32 x 10 <sup>-6</sup>	30 x 10 <sup>-6</sup>	10 x 10 <sup>-6</sup>	-	D-3386

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