

RenGel® Epoxy Surface Coats Specifications

	Mix Ratio Resin to Hrd'nr (by wt.)	Mix Ratio Resin to Hrd'nr (by vol.)	Gel Time (min)	Mixed Viscosity Brookfield (cps)	Density (g/cc)	Volumetric Yield (in. ³ /lb.)	Hardness (Shore D)	Compressive Strength (psi)	Ultimate Flexural Strength (psi)	Ultimate Tensile Strength (psi)	Coefficient Of Thermal Expansion (in./in./°F)	Tg (°F)	Shrinkage (in/in) (Cast)
Room Temperature Surface Coats													
RenGel 1118	100:9	100:13	30	Paste	1.5	19.0	90	13,400	6,500	3,500	2.56 x 10 ⁻⁵	169	0.002
RenGel 1124	100:18	100:27	25	Paste	1.4	19.0	90	14,500	10,000	6,200	2.86 x 10 ⁻⁵	149	0.002
RenGel 1126	100:18	100:25	24	Paste	1.4	19.7	90	12,000	6,800	4,700	2.6 x 10 ⁻⁵	165	0.002
RenGel 1129	100:20	100:26	20	Paste	1.4	19.9	85	13,800	15,500	4,900	3.16 x 10 ⁻⁵	156	0.0016
RenGel 3260	100:9	100:16	33	30,000	1.9	14.6	88	17,000	9,600	6,500	2.10 x 10 ⁻⁵	181	0.002
High Temperature Surface Coats													
RenGel 4026/1500	100:10	100:14	50-60	Paste	1.4	19.5	90	27,000	8,500	5,500	3.7 x 10 ⁻⁵	310	-
RenGel 4026/1501	100:10	100:14	30-40	Paste	1.4	19.5	90	27,000	8,000	4,000	3.2 x 10 ⁻⁵	310	-
RenGel 4026/1510	100:10	100:14	120-150	Paste	1.4	19.5	90	26,000	8,700	6,000	3.8 x 10 ⁻⁵	335	-
RenGel 8026	100:10	100:14	30-40	Paste	1.4	19.4	90	27,000	8,000	4,000	3.2 x 10 ⁻⁵	310	-
RenGel 177-144/ RP1500	100:10	-	60	Paste	1.6	17.8	92	28,000	12,500	7,000	2.4 x 10 ⁻⁵	284	0.002
RenGel 177-148/1500	100:12	-	45	Paste	1.4	19.8	90	24,900	10,500	7,100	5.65 x 10 ⁻⁵	268	0.004
RenGel 188-11/Ren 188-10	100:10	100:14	50	Paste	1.4	19.9	90	25,000	8,000	5,000	3.7 x 10 ⁻⁵	310	-
RenGel 1320/1510	100:8	-	5 hrs	Paste	1.5	18.5	93	28,500	12,300	8,800	1.72 x 10 ⁻⁵	396	0.003
RenGel 1320/1520	100:19	-	8 hrs	Paste	1.4	19.8	90	20,500	8,600	5,000	2.05 x 10 ⁻⁵	457	0.005
ASTM			D2471	D2393	D792	D792	D2240	D695	D790	D638	D3386	D4065	D2566