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High Performance Electronic Materials

Potting Compounds & Silicones Product Guide

Cat. #	Specific Gravity	Viscosity @ 25°C (CPS)	Mix Ratio (weight)	Pot Life (minutes)	Tg (°C)	Optimum Cure Schedule (°C)	Durometer	Comments
Potting Compounds								
PC101A&B	1.63	70K	20:1	60	55	30 min @ 100 or 8 hrs @ RT	85D	High strength, rigid cure, filled
PC102A&B	1.97	700	16:1	45	60	30 min @ 100 or 8 hrs @ RT	85D	High strength, rigid cure, filled
PC300A&B	1.15	9K	4:1	180	140	2 hrs @ 110+ 30 min @ 170	85D	Excellent heat, water and chemical resistance
PC310A&B	1.17	400	9:1	15	55	30 min @ 100 or 8 hrs @ RT	80D	Rigid cure, FDA compliant
PC400A&B	2.42	10K	100:2.3	90	85	60 min @ 100 or 8 hrs @ RT	90D	Thermally conductive, medium Viscosity UL94V0
PC410A&B	2.67	35K	100:1.5	90	85	60 min @ 100 or 8 hrs @ RT	90D	Thermally conductive, high Viscosity UL94V0
Silicones								
HV100A&B	0.98	300	1:1	12 hrs	<-80	30 min @ 130	25A	Soft, tack free gel
HV102A&B	0.98	36K	1:1	60	<-80	24 hrs @ RT or 4 hrs @ 60	25A	Soft, tacky gel, PSA properties
HV200A&B	0.98	30K	1:1	30	<-80	24 hrs @ RT	28A	High strength
HV220A&B	0.98	65K	1:1	30	<-80	24 hrs @ RT or 4 hrs @ 60	28A	High strength
HV300A&B	2.13	10K	1:1	45	<-80	24 hrs @ RT or 4 hrs @ 60	78A	Thermally conductive
HV310A&B	2.21	22K	1:1	45	<-80	24 hrs @ RT or 4 hrs @ 60	81A	Thermally conductive
HV320A&B	2.28	50K	1:1	45	<-80	24 hrs @ RT or 4 hrs @ 60	83A	Thermally conductive
HV400A&B	1.77	10K	1:1	50	<-80	24 hrs@ RT or 4 hrs @ 60	82A	Low visc, low cost
HV410A&B	1.86	16K	1:1	50	<-80	24 hrs @ RT or 4 hrs @ 60	85A	Medium viscosity, low cost UL94V-0
HV420A&B	1.91	30K	1:1	50	<-80	24 hrs @ RT or 4 hrs @ 60	87A	High viscosity, low cost UL94V-0

Solving Electronic Assembly & Manufacturing Issues with Unique Chemicals & Polymers

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