

Flame Retardant Systems														
Part Number (resin/hardener)	Chemistry	Color	UL Flame Class Rating	Ratio by Volume	Ratio by Weight	Mixed Density (lbs/gal)	Mixed Viscosity cPs (resin temp)	Working Time (min)	Gel Time (min)	Durometer (Shore)	CTI (comparative tracking index)	HWI (hot wire ignition)	HAI (high current arc ignition)	Attributes
20279 / 50080	Epoxy	Black	V0, 5VA	6 : 1	100 : 9.5	13.4	3100 (resin 25°C)	40	90	85D	0	0	1	UL F1 rating for 1000 hour UV exposure and 7 days water immersion at 82°C
20366 / 50171	Epoxy	Black	V0	4 : 1	100 : 15	13.4	3000 (resin 50°C)	50	100	85D	0	0	0	High Temp, High Tg, excellent thermal cycling -40 to 150°C
20338 / 50136	Epoxy	Black	V0	5.5 : 1	100 : 18	13.1	~1800 (resin 49°C)	25	65	40D	0	0	0	Complies with both exterior/interior requirements for EN 45545-2 R22 and R23 for a HL1, HL2 and HL3 Hazard Level Classification
20265 / 50069	Epoxy	Black	V0	2 : 1	100 : 29.5	12.1	2000 (resin 25°C)	25	60	85A				Flexible Epoxy, low Tg
20215A / 50203A	Epoxy	Black	V0	2 : 1	100 : 47	12.3	20,000 (resin 25°C)	50	90	75D	0	0	0	Provides outstanding moisture resistance and is designed for submersible applications under 600 volts
20293 / 50243	Epoxy	Black	V0	1 : 1	1 : 1	12.3	10,000 (resin 25°C)	100	180	73D		0		very low shrinkage, long working time
20256 / 50230	Epoxy	Black	V0	1 : 1	1 : 1	13.0	2000 (resin 50°C)	20	40	70D				The black / white color combination provides a visual indication of proper mixing
30211 / 40008	Polyurethane	Black	V0, 5VA	4 : 1	100 : 18	11.7	4600 (resin 25°C)	30	90	70A	0	0	0	Flexible in wide temperature swings to protect sensitive components such as SMT, and dissimilar CTE. Excellent Hydrolytic stability
30251 / 40045	Polyurethane	Black	V0	5 : 1	100 : 16.5	12.1	4000 (resin 25°C)	25	44	90A	0	0	0	120°C RTI (relative thermal index). Flexible, high temperature urethane
30247 / 40053	Polyurethane	Neutral	V2	4 : 1	100 : 18.7	11.8	4000 (resin 25°C)	25	63	50 (oo)	2	0	0	Flexible urethane Gel. Hydrolytic stability, and good thermal cycling performance