

Electronics UL Rated: Selection Guide

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Product	Type of System	Density of casting	Mix ratio (pbw)	Viscosity (mPas/°C)	Pot life (min/°C)	Gel time (min/°C)	Minimum curing time (h/°C)	Glass transition temp (°C)	Thermal conductivity @ 25°C (W/mK)	Flammability UL 94	Thermal Class	Shore Hardness (shore D)	Tensile strength / Flexural strength (23°C MPa)	Elongation at break 23°C (%)	Modulus of elasticity 23°C (MPa)	Water absorption 10 d @ 23°C (%)	Dielectric dissipation factor tan δ 50Hz/23°C	Relative dissipation factor ϵ_p 50Hz/23°C	Dielectric strength 23°C (kV/mm)
ARATHANE® CW 5620 / ARATHANE® HY 5610	prefilled	1.44	100 / 22	1300 / 25	45 / 25	70 / 25	24 / 25 or 6 / 80	20	0.50	V-0; 6 mm	B	40	7 / n.a.	70	21	0.50	11.0	6.0	25
ARATHANE® CW 5631 / ARATHANE® HY 5610	prefilled	1.41	100 / 25	3000 / 25	30 / 25	60 / 25	24 / 25 or 6 / 80	47	0.60	V-0; 6 mm	F	80	30 / 53	6	2300	0.28	3	4.5	29
ARALDITE® CW 2245 / ARADUR® HY 956 EN	prefilled	1.61	100 / 9	5900 / 25	48 / 25	111 / 25	24 / 25 or 6 / 60	63	0.67	V-0; 6 mm	E	89	36 / n.a.	0.8	5500	0.17	5.0	5.5	26