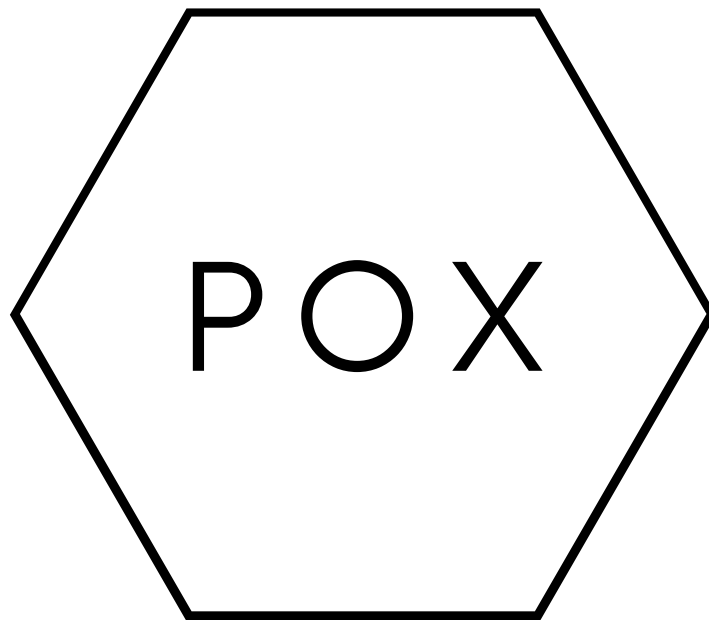




# RAIGI RESINS

EPOXY



Product name	Raigipox A409	T502/D482	T504B/D100	A331-1
Resin	Raigipox A410-A	T502	T504B	A331-1
Hardener	Raigipox 410-B	D482	D100	-
Color	Dark Grey	Black	Black	Black
Fire Class	-	-	100 / 37	-
Mixing ratio (weight)	100 / 0,87 or can be used in one component Epoxy	100/27	-	1 component Epoxy
Shore Hardness	85 Sh. D	80 SH. D	78 SH. D	85 Sh. D
Density	2,3	1,45	1,26	1,29
Polyol viscosity / Hardener viscosity (mPa.s)	100 000 ± 20 000 / 300 000 ± 50 000	6 000 / 200	2 800 / 4 000	30 000
Gel Time (by 25°C)	3 900 sec at 100°C 170 sec at 160°C	75	50 min at 25°C 10 min at 70°C	10
Dielectric constant (55KHz)	4,2	4,9	-	3,7
Loss Factor (55KHz)	0,007	0,002	-	1,00E-01
Volume resistivity (Ω.cm)	1,4*10 <sup>14</sup>	5*10E14	-	3*10E16
Resistance to mechanical stresses (Mpa)	-	28	-	-
Elongation at break (%)	-	300	10	-
Shock Resistance (kJ/mm <sup>2</sup> )	3,5 kJ / m <sup>2</sup>	2,1	2,7	-
Thermal conductivity (W/(m.K))	1,27	-	-	-
Advantages	Complies with Directive 2002/95/EC, the so-called RoHS Directive. Highly exothermic in reaction, it is advisable not to cast massive pieces and not to exceed a few millimetres in thickness per casting.	Hardener without aromatic amines & phenol, Low exothermicity	Volume mixing ratio : 100/50 => possibility to use cartridge	-
Application	Adhesive capacities / PCB protection	Potting / Strong adhesive capacities	Potting / Strong adhesive capacities	Adhesive capacities / PCB protection

## Contact

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