



SANHO CHEMICAL CO., LTD.

NO. 1 CHUNG SHAN S. RD., LU-CHU, KAOSHIUNG, TAIWAN.

TEL : 886-7-6962211~3

[http : // www.sanho.com.tw](http://www.sanho.com.tw)

FAX : 886-7-6976993 (Sales)

E-mail : sanho@sanho.com.tw

FAX : 886-7-6961782 (Export)

E-mail : sanho@so-net.net.tw

KINGCURE I-934

1. CURING CHARACTERISTICS

Epoxy resin / KINGCURE I-934	100 / 50	100 / 60	100 / 70
Peak Exothermic Time (min.)	100	98	85
Peak Exothermic Temperature (°C)	78	103	122
Gelling Time (min.)	113	90	78

2. MECHANICAL/PHYSICAL PROPERTIES

Epoxy resin / KINGCURE I-934		100 / 50	100 / 60	100 / 70
Tensile Strength	kgf/mm ²	5.3	5.8	5.1
Flexural Strength	kgf/mm ²	6.8	7.7	6.9
Flexural Modulus	kgf/mm ²	290	340	320
Compressive Strength	kgf/mm ²	7.1	7.2	6.5
Izod Impact Strength	kgf-cm/cm	2.1	3.3	3.9
Rockwell Hardness	M-scale	50	52	42
Heat Distortion Temperature	°C	38.5	42	41

3. CHEMICAL RESISTANCE OF THE CURED PRODUCTS

Epoxy resin / KINGCURE I-934	100 / 50			100 / 60			100 / 70		
	1	7	30	1	7	30	1	7	30
Immersion time (days)									
Tap Water	0.3	0.8	1.6	0.3	0.9	1.7	0.4	1.1	2.1
5% solution of Salt	0.3	0.8	1.5	0.3	0.8	1.6	0.4	1.0	1.9
10% solution of Caustic soda	0.3	0.7	1.3	0.3	0.7	1.3	0.3	0.8	1.5
10% solution of Ammonia	0.3	0.8	1.7	0.3	0.9	1.8	0.4	1.1	2.1
5% solution of Sulfuric Acid	0.4	1.0	1.9	0.7	1.6	2.8	1.0	2.3	4.2
5% solution of Hydrochloric Acid	0.3	0.9	1.7	0.4	1.0	1.9	0.5	1.3	2.4
Kerocene	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1
Isopropylalcohol	0.0	0.2	0.4	0.0	0.2	0.5	0.0	0.2	0.6
Methyl Ketone	2.0	6.1	15.6	0.6	1.9	3.6	0.4	1.3	2.6

4. DRYING CHARACTERISTICS

Epoxy resin / KINGCURE I-934			100 / 50	100 / 60	100 / 70
23°C	Set to touch	(hours)	4.9	3.9	4.3
	Tack free	(hours)	8.7	7.4	7.7
	Dry through	(hours)	12.4	10.7	11.5
10°C	Set to touch	(HOURS)	9.0	11.0	9.0
	Tack free	(HOURS)	25.0	23.0	22.0
	Dry through	(HOURS)	38.0	38.0	38.0