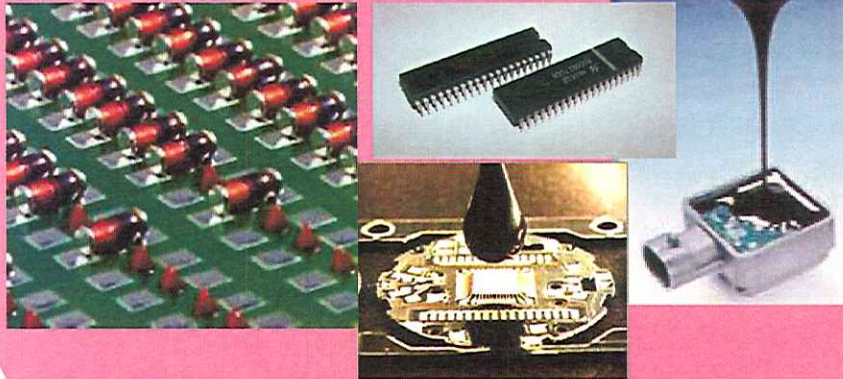


Application

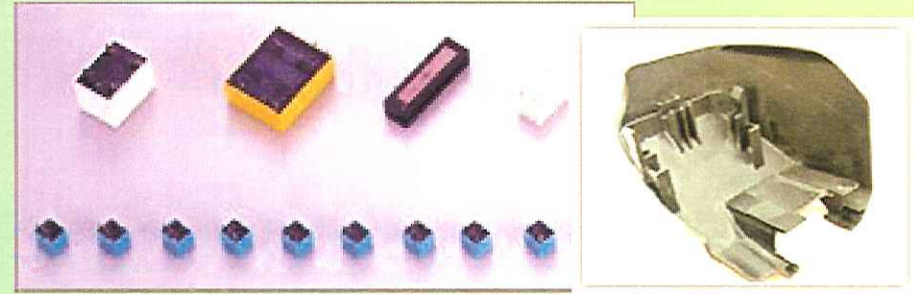
ELECTRONICS

adhesive

sealing agent



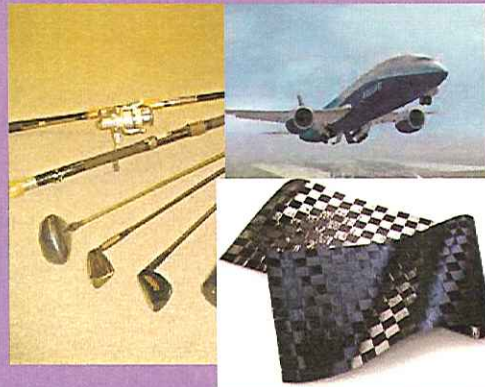
CAST AGENT



PAINT- POWDER PAINT



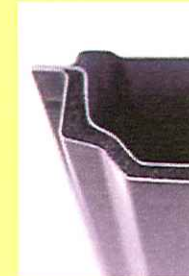
PREPREG-COMPOSITE



AUTOMOBILE



structural adhesive



vibration-proofing material



steel plate
reinforcement
material



sound-deadening
insulation

Property of AJICURE PN, MY series

AJICURE™
LATENT CURING AGENTS AND ACCELERATORS FOR EPOXY RESIN

Formulation

Bisphenol A epoxy resin(JER828EL*)	100	* Epoxy Equivalent 184-194g/eq
AJICURE	20	
Fumed silica	1	

		PN-23J	PN-23	PN-31	PN-40J	PN-40	PN-50	MY-24	MY-H	MY-25
Cure temperature										
	deg.C	80	80	100	90	100	120	100	110	110
Gel time (Hot plate)										
80deg.C	sec	1046	1739	not cure	not cure	not cure	not cure	not cure	not cure	not cure
100deg.C	sec	258	307	647	652	3261	not cure	751	not cure	~3000
120deg.C	sec	67	80	103	87	129	402	504	132	301
140deg.C	sec	29	34	35	44	49	50	852	394	555
160deg.C	sec	12	12	17	22	22	16	1069	621	767
200deg.C	sec	6	7	8	11	16	10	-	-	-
40deg.C Pot Life										
		2W	1M	2M	1M	3M	4M	3M	4M	4M
Tensile shear strength(MPa)										
150deg.C 30min cure		14	13	13	14	14	13	19	18	18
Tg(deg.C)										
150deg.C,2h cure		122	134	123	120	125	121	85	88	86

Not cure: gel time > 1h