

# Macrocast/Macroplast

## Casting resins from Henkel

Status May 2006



Macrocast	Hardener	Mixing ratio (weight)	Viscosity at 20°C mixed (mPa.s)	Potlife at 20°C (min)	Shore hardness at 20°C	Color	Special features
Filled Polyurethane							
CR 8101	UK 5400	4:1	2650 +/- 150	60 +/- 10	D 35 - 45	light brown	capacitor
CR 3127	CR 4300	5:1	3400 +/- 600	90 +/- 20	D 60 - 70	light brown	UL94-V0
CR 3127 B7	CR 4300	5:1	2800 +/- 400	7 +/- 1	D 70 -80	light brown	UL94-V0
CR 6130	CR 4300	100:28	1500 +/- 300	2,5 +/- 0,5	A 65 - 75	white	low viscosity, soft
CR 6127	CR 4300	85:15	2600 +/- 400	90 +/- 20	A 80 - 90	white	UL94-V0
CR 6127 B2	CR 4300	85:15	2600 +/- 400	2,0 +/- 0,5	A 80 - 90	white	UL94-V0
CR 6127 SB15	CR 4300	85:15	2600 +/- 400	15 +/- 3,5	A 80 - 90	black	UL94-V0
CR 5441	CR 4300	100:45	1000 +/- 400	25 +/- 5	D 50 - 60	light brown	extremely hydrophobic

No responsibility is taken for the correctness of this information.

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Unfilled Polyurethane							
CR 5103	CR 4100	58:42	900 +/- 200	7 +/- 1	D 65 - 75	clear light yellow	medical applications
CR 5125	CR 4110	100:75	1200 +/- 400	20 +/- 2	A 90 - 100	clear light yellow	drinking water applications
CR 3030	CR 4300	100:9	1000 +/- 250	45 +/- 10	A 35 - 45	transparent	very flexible
CR 3033	CR 4300	100:15	1000 +/- 250	45 +/- 10	A 35 - 45	clear	very flexible, UL94-V0

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Special products							
UK 8306 B8	UK 5400	5:1	pasty	8 +/- 1,5	D 55 - 65	light brown	thixotropic
CR 3380	CR 4680	47,8:52,2	1000 +/- 300	30 +/- 5	0065 +/- 10	transparent	reenterable, very soft , for SMD boards
CR 3310	UK 5600	100:22	2200 +/- 500	25 +/- 5	0055 +/- 5	transparent	without softener (surrogate for silicone)

Hysol Resin	Hysol Hardener	Mixing ratio (weight)	Viscosity at 20°C mixed (mPa.s)	Potlife at 20°C (min)	Shore hardness at 20°C	Color	Special features
Epoxy							
EE 8200	EB 0363	100:35	11.000 +/- 2000	480 (80°C/30 Min)	D 60 -70	black	UL94-VO, good shock resistance

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