



High Performance Casting Epoxies Selector Guide

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EPOXY SYSTEM	MIX RATIO BY WEIGHT RESIN/CATALYST	POT LIFE 25 gm 25 C	Viscosity <u>Typical@25°C</u> CPS	specific Gravity gm/cc	Operating Temperature c°	Cure Schedule	THERMAL CONDUCTIVITY BTU/hr/ft2/ f/ c°	Hardness Shore D	DIELECTRIC STRENGTH
E40-401	100/10	60min	16,000	1.35	- 60 +130	room temp. overnight	3.2	75	450
E40-403	100/18	6-8 hours	5000	1.45	-55 +170	room temp 8-12 hours	3.4	75	480
E40-405	100/50	40 min	15,000	0.87	-40 +130	room temp overnight	1.3	78	380
E40-406	100/7	30 min	6000	1.6	-55 +130	room temp 6-8 hours	3	80	460
E40-407	100/15	80 min	10000	1.52	-50 +275	room temp overnight	2.9	82	450
E40-408	92/8	20 min	50,000	1.5	-70 +180	room temp 8-12hours	3.9	85	460
E40-409	93/7	30 min	6000	1.5	-60 +180	room temp 8-12 hours	4.5	88	460
E40-410	100/100	2 hours	12000	1.65	-75+ 260	145 c° 2 hours	4	87	450
E40-411	100/30	40 min	2500	1.15	-60+ 155	room temp 8 hours	2.2	77	420
CUSTOM COLOR SYSTEMS AVAILABLE									