

RESIN	PHENOLIC	ACRYLIC	EPOXY	DIALLYL PHTHALATE
FORM	Granular	Powder	Granular	Granular
SPECIFIC GRAVITY (gm/cm ³)	1.4	0.95	1.75-2.05	1.7-1.9
COLORS	Black, Red, Green	Clear	Black	Blue
SHRINKAGE (Compression) (in/in)	0.006	-	0.001-0.003	0.001-0.003
COEFFICIENT OF LINEAR THERMAL EXPANSION (in/in/°C 10 ⁻⁶)	50	-	28	19
CHEMICAL RESISTANCE	Glycol, Petrochemicals, Solvents, Some acids and bases	Alcohol, dilute acids & alkalis, and oxidizers	Solvents, acids, alkalis	Solvents, acids, alkalis
MOLDING TEMPERATURE	150°-165°C (300°-330°F)	-	143°-177°C (290°-350°F)	160°-177°C (320°-350°F)
MOLDING PRESSURE	21-28 MPa (3050-4000psi)	-	17-28 MPa (2500-4000psi)	24-41 MPa (3500-6000psi)
HARDNESS	-	Rockwell M63	Barcol 72	-
CURING TIME (1/2" mount @ temperature and pressure)	90-120 seconds	2-4 minutes	90-120 seconds	90-120 seconds