

Epoxy Resins Typical Properties	ER2001	ER2074	ER2188	ER2183	ER2195
Base Material	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy
Thermal Conductivity (W/mK)	0.55	1.26	0.45	1.1	0.45
Density (g/ml)	1.74	2.25	1.69	2.19	1.68
Mixed System Viscosity (cPs Brookfield)	9000	16700	9000	5000	9000
Temperature Range (°C)	-40 to +130	-40 to +130	-40 to +120	-40 to +130	-40 to +130
Max Temperature Rating (Short Term °C)	150	150	140	150	150
Dielectric Strength (kV/mm)	10	10	10	10	10
Volume Resistivity (ohm-cm)	10 ¹⁵	10 ¹⁵	10 ¹⁴	10 ¹⁵	10 ¹⁵
Usable Life (Minutes @25°C)	150	90	60	120	240
Gel Time (Minutes @25°C)	300	300	150	420	600
Cure Time (Hours @25°C)	24	24	24	24	36
Cure Time (Hours @60°C)	4	4	2	4	4
Cure Time (Hours @100°C)	30	60	20	60	60
Shore Hardness	D85	D80	D85	D80	D80
Colour	Black	White	Black	Black	Black
Special Property	General	Thermal Conductivity	DDM Free (2002 replacement)	Low Viscosity	Adhesion Toughness
Flame Retardancy	Yes UL94V-0	Yes	Yes UL94V-0	Yes	Yes UL94V-0

Disclaimer: All information is given in good faith but without warranty.