

# Prepreg Systems Selector Guide



RESIN SYSTEM	PRODUCT	CURE TEMP. (°C)	T <sub>g</sub> (°C)	SHELF LIFE @ 20°C	REINFORCEMENT	APPLICATION
<b>TOOLING PREPREG</b>						
Epoxy	RP800	50 - 180	190 DSC	Tack life: 4 - 5 days Out life: 5 - 6 days	Woven fabrics	Tooling structures
Epoxy	RP801	60 - 180	190 DSC	Tack life: 5 days Out life: 7 days	Woven fabrics	Tooling structures
Epoxy	RP802	60 - 180	190 DSC	Tack life: 10 days Out life: 12 days	Woven fabrics	Tooling structures
Epoxy	RP803	60-180	190 DSC	Tack life: 7 days Out life: 9 days	Woven fabrics	Tooling structures
<b>COMPONENT PREPREG</b>						
Epoxy	RP442	65 - 120	125 DSC	30 days	Woven fabrics	General & Industrial
Epoxy	RP507	90 - 160	121 DSC	30 days	Unidirectional carbon	General & Industrial parts. Fire retardant version also available.
Epoxy	RP522	110 - 135	115 DSC	30 days	Woven fabrics	General & Industrial
Epoxy	RP542-1	80 - 120	125 DSC	40 days	Woven fabrics	General & Industrial
Epoxy	RP542-3	90 - 120	120 DSC	40 days	Woven fabrics	High levels of tack - suitable for work conditions c.15°C
Epoxy	RP548	90 - 120	121 DSC	20 days	Woven fabrics	General and Industrial
Epoxy	RP549	80 - 150	160 DMA onset 195 DMA peak	30 days	Woven fabrics	General & Industrial, motorsport
Epoxy	RP570	140	140 DSC 131 DMA onset 155 DMA peak	40 days	Woven fabrics	Press moulding
<b>EPOXY ADHESIVE AND RESIN FILMS</b>						
RESIN SYSTEM	PRODUCT	CURE TEMP. (°C)	FILM WEIGHT (g/m <sup>2</sup> )	SHELF LIFE @ 20°C	REINFORCEMENT	APPLICATION
Epoxy	RF550	100 - 150	150 - 450	30 days	Can be supported by carrier	General industrial bonding and resin film infusion.
Epoxy	RF552	90 - 120	125	30 days	Can be supported by carrier	General industrial bonding and resin film infusion.

T<sub>g</sub> figures assume full curing.

**Important Notice**  
All values are nominal.

All statements, technical information and recommendations offered are only for consideration and evaluation. Whilst they are believed to be accurate they are not guaranteed and are provided without warranty of any kind. No undertaking is given that the goods/products supplied are fit for its particular purpose. The buyer/user shall assume all risks and liabilities in connection therewith.

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Plastic Reinforcement Fabrics Ltd



CERTIFICATE NO. RS 12803

**PRF Composite Materials**

3 Upton Road, Poole, Dorset BH17 7AA, England

• t: +44 (0) 1202 680022 • f: +44 (0) 1202 680077

• e: [orders@prfcomposites.com](mailto:orders@prfcomposites.com)

Visit: [prfcomposites.com/prepreg](http://prfcomposites.com/prepreg) for updates

