



ARAMID PREPREGS SELECTION GUIDE

PRODUCT	DESCRIPTION	NOMINAL CURE TEMP F° (C°) / TIME	COLOR	APPLICATION	MISC.
LC-E520	Toughened Epoxy Prepreg	250 (121) / 60 min.	Yellow	Sandwich structures, laminates, radomes, antennas and structures requiring electronic transparency	Various fabric styles available
LC-E521	Flame Retardant Epoxy Prepreg	250 (121) / 60 min.	Yellow	Laminates, sandwich structures without use of additional film adhesive	Various fabric styles available. Meets FAR 25.853
LC-E521ET	Flame Retardant Epoxy Prepreg Elevated Tg vs LC-E421	250 (121) / 60 min.	Yellow	Laminates, sandwich structures without use of additional film adhesive	Various fabric styles available Meets FAR 25.853
LC-E521FR	Flame Retardant Epoxy Prepreg Additional FR vs LC-E421	250 (121) / 60 min.	Yellow	Laminates, sandwich structures without use of additional film adhesive	Various fabric styles available Meets FAR 25.853
LC-E521QC	Flame Retardant Epoxy Prepreg Accelerated Cure Cycle vs LC-E421	260 (126) / 20 min.	Yellow	Laminates, sandwich structures without use of additional film adhesive	Various fabric styles available Meets FAR 25.853
LC-E522	Toughened Flame Retardant Epoxy Prepreg	250 (121) / 60 min.	Yellow	High toughness for laminates, sandwich structures without use of additional film adhesive, high impact areas	Various fabric styles available Meets FAR 25.853
LC-E524	Toughened Flame Retardant Epoxy Prepreg/Low Temperature	175 (79) / 360 min.	Yellow	High toughness. Ideal for wood, foam, bolsa construction, Low temp processing	Various fabric styles available Meets FAR 25.853
LC-E525	Toughened Flame Retardant Epoxy Prepreg	250 (121) / 60 min.	Yellow	Laminates, sandwich structures without use of additional film adhesive, high impact areas	Various fabric styles available
LC-E528	Low Exotherm Epoxy Prepreg	250 (121) / 60 min. See data sheet for additional cure cycle(s)	Yellow	Laminates, multi-ply structural parts. Thick cross sections	Various cure cycles pending part thickness.
LC-E533	Toughened Clear Epoxy Prepreg/Low Temp	175 (79) / 360 min.	Clear	High toughness for wood, foam, bolsa construction, laminates, sandwich structures without use of additional film adhesive	Various fabric styles available.
LC-E434	High Temperature Epoxy Prepreg	350 (176) / 60 min.	Yellow	High temperature laminates, sandwich structures, multi-ply structural parts	Various fabric styles available. FR version available
LC-E542PG	Toughened Flame Retardant Prepreg	275 (135) / 90 min.	Yellow	Commercial aircraft interiors, cargo liners requiring FST/OSU compliance	Various colors & fabric styles available. FAR 25.853
LC-CE547	Cynate Ester Prepreg	250 (121) / 180 min.	Yellow	High service temperature laminates requiring low dielectric	Elevated Post cure available for higher Tg requirements

- NOTES:
- Additional cure cycles available upon request
 - Most materials can be supplied with 1 or 2 side coating

To order, please contact our Customer Service Team at myorder@freemansupply.com.