PARK AEROSPACE CORP.

Product Overview

PeelCote™

PeelCote™ is an epoxy preimpregnated peel ply used as a manufacturing aid for improving laminate surface quality and as a preparation for bonding and painting operations for the manufacturing of composite parts for aerospace applications.

- Protects the cured part surface during trim and drill steps
- Leaves a clean, resin matte finish, ready for bonding / paint
- Reduces labor and scrap costs in lay-up operation
- Provides a tacky surface on composite or metal molds
- Reinforcement fabric is more easily removed from cured part
- Improves part quality when using molds in poor condition
- PeelCote™ is available in 250°F (121°C) and 350°F (177°C) cure epoxy systems for autoclave, press or vacuum bag/oven molding processes
- Available in standard and custom - slit widths up to 60" (152.4 cm)

Typical Properties

Resin System	E-746	E-761LT	E-765
Resin System Description	Modified epoxy resin system that retains mechanical properties after long term temperature exposure. Meets requirements of Mil-R-9300B Type II. Service temperatures up to 500°F / 260°C for short periods of time.	Aerospace / commercial grade epoxy. Flame retardant. Wide process latitude. Wet service temperature up to 160° F / 71°C.	Aerospace grade epoxy resin system. Wide processing window. Wet service temperature up to 180°F / 82°C
Cure Temp.	350°F / 177°C	250°F / 121°C	250°F / 121°C
Peel Ply Description	Precision Fabrics nylon peel ply, blue color, Code 51789 SRB, Style 52006	Precision Fabrics nylon peel ply, natural color, Code 51789, Style 52006	Precision Fabrics nylon peel ply, natural color, Code 51789, Style 52006
Resin Content, wt. %	50 - 55	52 - 57	52 - 58
Gel Time, sec.	45 - 480	>275	100 - 600
Volatile %	0 - 3.0	0 - 2.0	0 - 1.5
Tack	IV - V	IV - V	IV
Shelf Life (months)	6 @ 0°F / 3 @ 40°F 6 @ -18°C / 3 @ 4.5°C	6 @ 0°F / 3 @ 40°F 6 @ -18°C / 3 @ 4.5°C	6 @ 0°F / 3 @ 40°F 6 @ -18°C / 3 @ 4.5°C

Other forms available upon request

All test data provided are typical values and not intended to be specification values. For review of critical specification tolerances, please contact a company representative directly.

For Information about Park's materials:
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