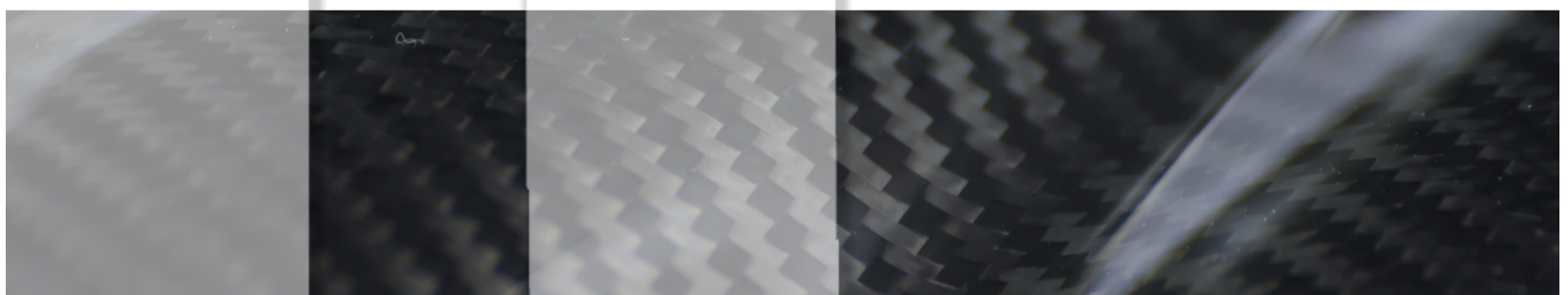


Kaneka

KANEKA AEROSPACE LLC



AEROSPACE MATERIALS PRODUCT SELECTION GUIDE



Prepregs and Adhesives

Product	Resin Technology	Application	Product Form	Tg	Cure Temp	Characteristics
Kaneka BZ9704	Benzoxazine (BZ)	Primary Structure	Prepreg	394°F (201°C)	365°F (185°C)	<ul style="list-style-type: none"> High service temperature BZ prepreg system Good hot/wet, balanced performance properties
Kaneka ST2000	Benzoxazine	Primary Structure	Prepreg	363°F (184°C)	350°F (176°C)	<ul style="list-style-type: none"> Good hot/wet BZ prepreg system Long out time
Kaneka SP2400	Benzoxazine	Secondary Structure	Prepreg	365°F (185°C)	350°F (176°C)	<ul style="list-style-type: none"> BZ prepreg system for cryogenic applications Maintains good mechanical properties at low temperature
Kaneka SP2420	Epoxy	Primary Structure	Prepreg	385°F (196°C)	350°F (176°C)	<ul style="list-style-type: none"> Epoxy prepreg system with process ease-property balance Typical 30 day out time Good PEI overmold capability
Kaneka BZ9691	Benzoxazine	Primary Structure	Film Adhesive	419°F (215°C)	365°F (185°C)	<ul style="list-style-type: none"> BZ film adhesive Excellent performance with BZ prepregs and composites

Resins

Product	Resin Technology	Application	Process	Tg	Cure Temp	Characteristics
Kaneka IR6010	Benzoxazine	Primary Structure	Infusion	363°F (184°C)	350°F (176°C)	<ul style="list-style-type: none"> BZ infusion resin system with good hot/wet properties Excellent microcrack resistance
Kaneka IR6030	Epoxy	Secondary Structure	Infusion	275°F (135°C)	250°F (121°C)	<ul style="list-style-type: none"> Cost effective epoxy infusion resin system Alternative to 250°F (121°C) prepregs
Kaneka IR6060	Epoxy	Primary Structure	Infusion	374°F (190°C)	338°F (170°C)	<ul style="list-style-type: none"> Quick cure epoxy infusion system for aerospace performance
Kaneka IR6070	Epoxy	Primary Structure	Infusion	365°F (185°C)	356°F (180°C)	<ul style="list-style-type: none"> Low infusion temperature (below 122°F/50°C) for large parts Aerospace epoxy system
Kaneka IR6080	Benzoxazine	Primary Structure	Infusion	473°F (245°C)	446°F (230°C)	<ul style="list-style-type: none"> High service temperature BZ infusion resin system for aerostructures

AEROSPACE

Kaneka Aerospace LLC offers specialty high performance composite materials for the aerospace industry. Our prepregs, adhesives, resin, and tooling materials provide distinguishing properties that enable our customers to achieve value beyond lightweight and strength. Kaneka Aerospace has a comprehensive portfolio of products developed over the past 25 years based on unparalleled formulation expertise. These products could be further tailored to meet specific manufacturing and performance challenges.

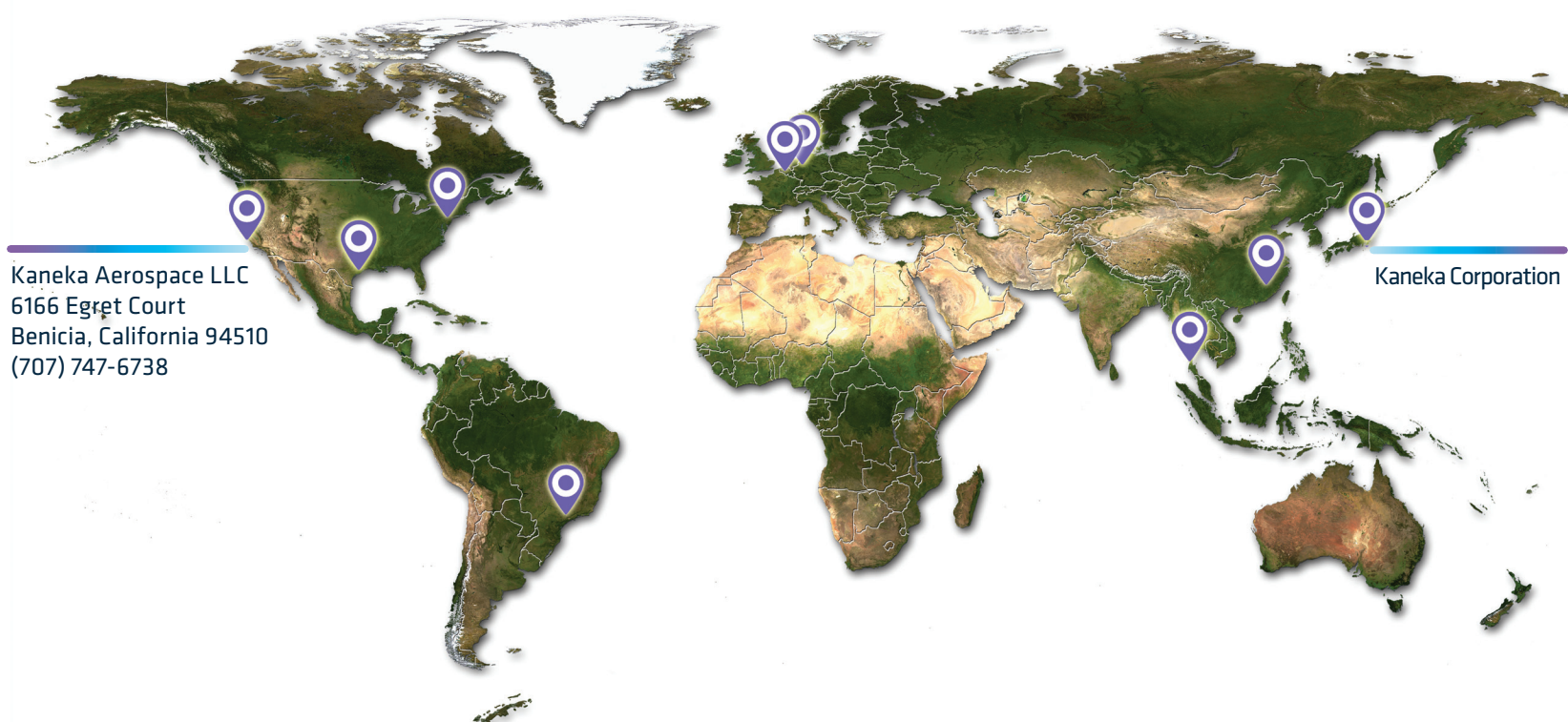
Tooling

Product	Resin Technology	Process	Product Form	Tg	Cure Temp	Characteristics
Kaneka TP2200	Benzoxazine	Prepreg	Prepreg	482°F (250°C)	428°F (220°C)	• High temperature BZ system for high cycle tools
Kaneka TR6220	Epoxy	Infusion	Resin	331°F (166°C)	300°F (149°C)	• Epoxy infusion system for 300°F (149°C) service tools
Kaneka TR6230	Epoxy	Infusion	Resin	410°F (210°C)	350°F (176°C)	• Epoxy infusion system for tools for aerospace parts
Kaneka TR6240	Epoxy	Wet lamination	Resin	385°F (196°C)	350°F (176°C)	• Epoxy tabbing resin for similar and dissimilar tools (epoxy/BMI/metal)



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