

A drone is shown in flight, angled towards the bottom left. It has a black body with orange and white lights on its arms. The background is a blurred city street with tall buildings, creating a sense of speed. A large red diagonal shape is on the left side of the page.

PREPREG EPOXY SERIES

- Solvent-Free Epoxy System
- Excellent lay-up performance
- Long pot life & low exotherm during curing
- Suitable for carbon fiber, glass fiber, and more
- Delivers parts with outstanding physical properties

**We deliver total EPOXY solution
for COMPOSITES**

PREPREG EPOXY SERIES



Product Name	Features	Tg	Application
WP-B1268	80°C Low-Temperature Cure	> 80°C	Helmets, Marine Vessels, Automotive Parts
WP-H1700	High-Temperature Resistance	Tg > 170°C	Bicycle Rims
WP-R1200	High Flowability	> 115°C	Fishing Equipment, Sporting Goods, Leisure Products
CFR02-2	Rapid Reaction Rate	> 115°C	Carbon Fiber Rackets
WP-R5600W3K	No Blushing/Whitening	> 95°C	3K Fabric Applications
WP-S1000	High Flowability	> 130°C	Fishing Equipment, Sporting Goods
WP-S3000	Medium Flowability	> 130°C	Bicycle, Sporting Goods, Industrial Components
WP-S5000	Low Flowability	> 130°C	
WP-H2002N	High-Temperature Resistance	≥ 210°C	Specialized High-Temperature Resistance Products
WP-L1600	Extended Pot Life with Low Exotherm	> 90°C	Wind Turbine Blades
WP-L5100	Medium-Temperature Cure at Low Reaction Rate	> 120°C	Air Mobility, Leisure Products
WP-2100	Halogen-Free Flame Retardant (DIN 5510-2)	> 110°C	Rail Transit, Aerospace
WP-2201	Low-Smoke Zero-Halogen Flame Retardant (Glass Fiber EN 45545 R1 HL3 Compliant)	> 150°C	Rail Transit, Construction Industry
WP-2120 BLACK	Halogen-Free Flame Retardant, Fast Cure (UL 94 V-0)	> 110°C	Battery Housings, Automotive Components

Product Advantages & Features

Controlled Resin/Fiber Ratio

- Achieves high fiber volume fraction (>60%) for stabilized mechanical properties with enhanced strength and stiffness.

Optimized Low-Viscosity Formulation

- Facilitates thorough fiber wetting, eliminates microvoids, and strengthens interlaminar bonding to improve fatigue resistance.

Pre-Cure Processability

- Enables automated lay-up and precision directional changes while minimizing manual handling errors.

Ambient-Stable Storage

- Extends shelf life to several months without premixing requirements, shortening production cycles and reducing energy consumption.

Energy-Efficient Curing

- Achieves full cure at lower temperatures/pressures, reducing equipment costs and outperforming hand lay-up/RTM in consistency and efficiency.

