

HYBTONITE® Fire 6500

Fire-resistant epoxies and coatings

The Hybtonite® Fire resin is low viscosity solvent free reactive epoxy system for applications that require good fire resistance, low viscosity and good mechanical properties.

Hybtonite® Fire is a non-toxic resin and it does not contain free halogens. The system is tailor-made

for industrial use and is suitable for coating and composite applications including RTM, VARTM, Pre-Preg Filament Winding and pultrusion applications.

Hybtonite® Fire is based on a very special unique Epopox™ resin and modified nanoparticle additives. For the most demanding applications, like

passenger ships and airplanes, the Hybtonite® Fire based composite is recommended to coat with Cleantonite T-coating.

The system can be tailored with different curing agents and additives to meet required curing, pot life and other process demands.

Applications

For professional use only: very low viscosity resins, suitable for coatings and composites, no free halogens and non-toxic, nano enhanced.

Technical data

HYBTONITE® Fire 6500 – flame retardant, low viscosity epoxy systems	
EEW, g/equivalent	190 – 210
Viscosity at 25 °C, mPa·s	6500 ± 1000
Hydrolysable chlorine w, %	< 0.4
Free halogens, %	0

Storage Data

The system does not crystallize. Storage time is at least three years in closed containers stored at 5 – 40 °C protected from direct sunlight and water.

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