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EPO- RPC™ D1 RF Resin

EPO- RPC™ D1 RF is a flame retardant epoxy matrix derived from EPO- RPC™ D1 designed for rapid cure requirement at medium curing temperature. Curing at 150⁰C would be recommended and the cured composite part can also be taken immediately from the mould when the curing procedure has been completed.

■ Description

- ◇ A wide range of moulding processes: vacuum bag, autoclave and press moulding.
- ◇ FST requirements of FAR 25.853
- ◇ Rapid cure.
- ◇ Available for a wide range of reinforcements

■ Curing conditions

Recommended cure cycles are as below.

1. Ideal curing cycle is cured at 150⁰C and hold for 10 minutes.
 - I. The time applying pressure should be adjusted with varied shapes and cross-sections.
 - II. The effective pressure should be also adjusted with different requirements of cured products such as fibre/resin fraction, amendment of thickness etc.



■ Handling and storage

Storage temperature:

■ Resin system:

Shelf life: $-15^{\circ}C$ for 6 months.

■ Prepreg:

Out life: 4 weeks at $21^{\circ}C$

Shelf life: $4^{\circ}C$ for 3 months or $-15^{\circ}C$ for 6 months.

Handling: Wear protective mask /glasses/gloves/clothing. Wash thoroughly after handling.

■ Important

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