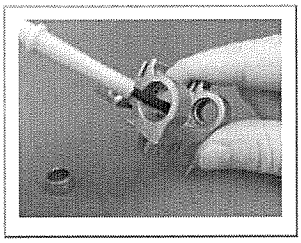
EP19HT Product Information

One component epoxy system for impregnation, lamination, sealing and coating

Key Features

- Ultra low viscosity and easily applied
- Unlimited working life at room temperature
- High temperature resistance properties
- Superior physical strength profile
- Outstanding electrical insulator
- Withstands 1,000 hours 85°C/85% RH



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Product Description

Master Bond EP19HT is a one component very low viscosity epoxy for high performance impregnation, sealing and coating. It has unlimited working life at room temperature as it requires an elevated temperature cure at 250-300° F. The optimum curing schedule is 1 hour at 250°F followed by a post cure of 1-2 hours at 300-350°F. EP19HT bonds well to a wide variety of substrates such as ceramics, metals, composites, glass and many plastics. It combines outstanding physical strength properties with compelling electrical insulation properties. It has first rate chemical resistance to water, oils, fuels and many solvents. Its low viscosity allows for easy brushing or spraying for the surfaces to be impregnated, laminated or sealed. It is a light amber clear system. The service temperature range extends from -60°F to +400°F allowing it to be used in a variety of applications requiring higher temperature resistance. It combines exceptionally low viscosity, an impressive physical property profile and easy handling. This combination enables it to be a wonderful product for specialty aerospace, electronic and OEM type applications where surfaces, especially metals and ceramics, require impregnation, coating or lamination. When impregnating, it is most effective when applied under vacuum, although this is not mandatory.

Product Advantages

- Ultra low viscosity; ideal for impregnation applications; sprayable or brushable
- Unlimited working life at room temperature
- Excellent physical strength properties
- Outstanding electrical insulation
- Superior heat resistance up to +400°F
- Good adhesion to a wide variety of substrates

Packaging



Can Pail Syringe

EP19HT is available is various sizes and units to accommodate customer's needs.

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Packaging Information

- **Common Mixing Ratios**
- **FlexiPak™**
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- **Gun Applicators**

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