



PTM&W Industries, Inc.

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POLY FILLER HT High Temperature Polyester Filler Paste

DESCRIPTION

POLYFILLER HT is a two component polyester filler paste system that provides the user both unique ease of handling and high performance characteristics when cured. POLY FILLER HT is formulated to provide a smooth creamy handling consistency and a dry tack-free surface when cured. A significant advantage of POLY FILLER HT over other materials of this type is its very low cured shrinkage. This feature allows faster application and repairs than with other filler pastes, which usually must be applied in several layers because of their high shrinkage rate! The creamy texture of POLY FILLER HT allows for easier applying and spreading. POLY FILLER HT can be troweled to a feather edge without rolling or skipping. It can be used to fill tiny pinholes without lifting. The dry, tack-free nature of the cured POLY FILLER HT paste provides for easier working with tools and prevents sandpaper from becoming gummy.

Once applied and cured, POLYFILLER HT will bond quite well to most surfaces such as aluminum, copper, fiberglass, epoxy, steel, plaster, graphite and kevlar laminates. It will also accept all types of enamel, epoxy, lacquer and paint stains as a surface finish.

POLY FILLER HT utilizes an excellent high temperature resin base, and therefore the cured paste can be subjected to service temperatures in excess of 400°F.

APPLICATIONS

POLY FILLER HT has been used with much success in very demanding industrial applications such as these:

- Aircraft High-Temp Bond Tools
- Bonding Inserts and Bushings
- Crack, Crevice and Hole Repair
- Core Box Repair
- Fiberglass Boat Repair
- Filling Porosity on Composites
- Filling Cloth Texture Impressions
- FRP Surface Patching
- Honeycomb Panel Edge Filling
- Pattern Repair and Filling
- RIM, BMC, SMC Surface Filling
- Router Fixture Repair
- Vacuum Form Mold Repair
- Urethane Mold Repair

HANDLING and PHYSICAL PROPERTIES

	POLY FILLER HT
Color	Available in Gray or Black Versions
Viscosity, centipoise	Smooth, Thixotropic Paste
Mix Ratio, By Weight	100 Parts Resin : 2 Parts Cream Hardener, By Weight
Pot Life, 4 fl. Oz. Mass @ 77oF	6 - 8 minutes
Tack Free Time	10 Minutes After Gel
Time Before Sanding	20 - 25 minutes After Gel
Cured Hardness	89 Shore D

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