

EMERGENCY PHONE 1-800-255-3924

TECHNICAL DATA SHEET

MP5430

DESCRIPTION:

MP5430 is a two part unfilled epoxy adhesive designed for ceramics and most plastics. It cures to a tough semi-rigid material, and is free flowing in viscosity. It gives good resistance to water, salt spray, inorganic acids and bases, and most organic solvents. It was especially formulated to a 1:1 mix ratio for use in either MMD equipment or side-by-side dual cartridges for easy dispensing. A handling cure is normally achieved at room temperature within 20-30 minutes, with full cure in 24 hours. An elevated temperature cure schedule can be used to reach final properties quickly.

TYPICAL PROPERTIES:

Color		Clear
Viscosity	Part A	12,000cps
	Part B	13,000cps
	Mixed	12,500cps
Specific Gravity	Part A	1.16
	Part B	1.15
	Mixed	1.16
Pot Life		20-30 minutes
Mass		20 grams
Hardness Shore – D		80
Tensile Elongation		3-5%
Tensile Strength		7000 psi (2300 psi Al to Al)
Dielectric Constant		4.5 (25°C, 100Hz)
Dielectric Strength		410 v/mil
Volume Resistivity		8 x 10¹⁴ ohm-cm
Temperature Range		-40 to 130°C

MIX RATIO:

by weight	1 to 1
by volume	1 to 1

SHELF LIFE:

12 months in unopened container

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