

Abatron AboCoat 8204-15/AboCure 8204-15 Epoxy Coating

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

AboCoat 8204-15 is a flammable light-blue liquid resin. AboCure 8204-115 is a flammable clear amber liquid converter. AboCoat 8204-15/AboCure 8204-15 is a dielectric coating for high chemical, solvent, and thermal resistance. It is a highly crosslinked 2-component epoxy system designed for applications requiring superior resistance to most solvents and chemicals used in treating, cleaning, and degreasing electric and electronic components. It is excellent for metals and other surfaces in highly corrosive and high-temperature environments. Due to its special chemical structure, this epoxy compound offers very high rigidity and prolonged resistance to 208°C (406°F). It is a high-requirement protective coating and corrosion inhibitor for most surfaces. In metal applications, it not only protects metal against corrosion, but it prevents corrosion's spreading when painted over tightly bound rust. The system is designed to yield films as thin as 1-4 mils (0.03-0.1 mm) each coating layer. Thicker single-layers (from 5 mils up to several inches thick) for resurfacing, filling depressions, cracks, etc., are obtained with AboCast solventless epoxies. This system has superior salt-spray resistance in marine applications, alkali resistance (which is essential against harsh cleaners and chemicals), resistance to alkalis generated electrolytically under coatings, superior solvent resistance (as needed in many degreasing and surface preparation procedures), high organic and inorganic acid resistance (necessary in many processed), and general chemical resistance (unaffected by corrosive industrial and marine environments, atmospheric conditions, water, most fuels, detergents, oils and greases). It has interior and exterior durability (no cracking, checking, or noticeable corrosion were present in tests of exposure to extreme temperatures). It can be used as: a protective coating of metal furniture or components against exposure to water and harsh chemicals in laboratories, plants, hospitals, and other critical environments; a primerless coating for difficult surfaces in corrosive and very hot environments; a superior primer or first-coat before acid-proof paints, patching compounds, or high-grade solventless epoxies on difficult surfaces, to insure best wetting, adhesion, and film continuity and durability. It is available in many colors.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCoat-8204-15AboCure-8204-15-Epoxy-Coating.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0385 lb/in ³	
Solids Content	48 %	48 %	
Brookfield Viscosity	200 cP	200 cP	/ 6 rpm; spindle #2
	300 cP	300 cP	/ 3 rpm; spindle #2
	500 cP	500 cP	/ 1.5 rpm; spindle #2

Processing Properties	Metric	English	Comments
Cure Time	30.0 - 90.0 min	0.500 - 1.50 hour	or longer
	@Temperature 100 - 160 °C	@Temperature 212 - 320 °F	
Pot Life	2400 min	2400 min	500 g

Processing Properties	@Temperature 24.0 °C Metric	@Temperature 75.2 °F English	Comments
Descriptive Properties	Value	Comments	
Color	Light-Blue		
Hardening Time (min)	13	150°C	
	23	120°C	
	37	93°C	
Parts by Weight (pbw)	100	AboCoat 8204-15	
	50	AboCure 8204-15	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China