

Abatron AboCoat 8006-3/8606-3 Clear Versatile Epoxy

Category : Polymer , Thermoset , Epoxy , Epoxy Encapsulant, Unreinforced

Material Notes:

Clear epoxy protective and dielectric coatings. For spraying, brushing or rolling on metal, concrete, masonry, wood, fiberglass and most surfaces. Good adhesion, flexibility, hardness, water and chemical resistance. Suggested Uses: Heavy-duty all-purpose protection against water, alkalis, diluted acids, common solvents, corrosion, wear. Corrosion inhibition also on tightly bound rust. Good salt spray resistance in marine and industrial applications. Concrete, wood and metal floors coating. Brushing on moist or wet surfaces tends to emulsify water, which then evaporates with solvent. Protection of wooden furniture in plants, laboratories, commercial kitchens, hospitals. Most effective for protection of all kinds of electric and electronic components. Processing: Ratio by volume: 1/1 AboCoat/AboCure Cure Schedule: Room temperature cure 4-6 hours for handling, 3-4 days for full physical properties, and 6-8 days for full chemical properties. High temperature cure 25 minutes at 200°F, 15 minutes at 250°F, 10 minutes at 300°F, or 5 minutes at 350°F. Information provided by Abatron.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCoat-8006-38606-3-Clear-Versatile-Epoxy.php

Physical Properties	Metric	English	Comments
Density	0.962 g/cc	0.0348 lb/in ³	
Solids Content	47.4 %	47.4 %	Total
Viscosity Measurement	25	25	secs., #4 Ford cup.

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	>= 60 %	>= 60 %	Direction not specified
Impact Test	18.1 J	13.3 ft-lb	Forward/reverse

Optical Properties	Metric	English	Comments
Gloss	60 %	60 %	3 mils, 48 hours
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Dry Time	3.00 hour	3.00 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Pot Life	60 - 75 min	60 - 75 min	
Shelf Life	>= 12.0 Month	>= 12.0 Month	

Descriptive Properties	Value	Comments
Adhesion		Crosshatch

Descriptive Properties	Excellent Value	Comments
Induction Period	40-60 minutes	
Mandrel Flexibility	Passes 1/8"	
Pencil Hardness	3	Overnight at room temperature
	4H	7 days

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