

Abatron Acrylic 57-1™ Clear, Water-Based Coating

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

Material Notes:

Acrylic 57-1™ is a high-gloss, non-yellowing acrylic coating. It forms a very clear film with exceptional mar resistance. Because it will not yellow and is stain resistant, it is an excellent choice as a topcoat for other coatings. It is easily applied by brushing, rolling or spraying, and forms a smooth film. Since it is water-based, it can be thinned with water as necessary. It can be recoated in 30-60 minutes. This coating is recommended for floors, cabinets and trim, and metal and plastic. As it has a very low odor and low VOC's, it works well for coating floors and other surfaces in enclosed areas such as basements, hospitals, schools, and restaurants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-Acrylic-57-1-Clear-Water-Based-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	
Density	1.05 g/cc	0.0381 lb/in ³	
Volatiles	7.9 %	7.9 %	
Vapor Pressure	<= 0.0400 bar	<= 30.0 torr	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	2.28 MPa	330 psi	ASTM-D4541
Coefficient of Friction	1.3	1.3	Slip resistance; ASTM-D1894

Thermal Properties	Metric	English	Comments
Boiling Point	100 °C	212 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Abrasive Resistance (g)	0.101	ASTM-D4060; CS 17/Load 1000/Cycles 1000
Color	Milky	
Hardness, pencil	HB	ASTM-D3363
Tack-free Time (min)	5 to 10	

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