

Abatron AboCast 8503-9/AboCure 8503-9 5-Minute Epoxy

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

Material Notes:

AboCast 8503-9/AboCure 8503-9 is a very-fast-hardening 2-component epoxy adhesive, casting, and patching compound. It is a neutral-buff colored, non-sag, mineral-filled putty to be applied with trowel or other bladed tool for patching, filling, bonding, and anchoring in structural and dielectric applications. It does not have the brittleness typical of conventional 5-minute epoxies. It also provides high resistance to weather, water, salt spray, alkalis, diluted acids, several fuels, solvents, and other chemicals. Unlike other epoxies, a thin layer of this compound does not need any longer to harden than a thick casting.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Abatron-AboCast-8503-9AboCure-8503-9-5-Minute-Epoxy.php

Physical Properties	Metric	English	Comments
Water Absorption	0.70 %	0.70 %	
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	14	14	
	@Time 601 sec	@Time 0.167 hour	
	39	39	
	@Time 1800 sec	@Time 0.500 hour	
	70	70	
	@Time 3600 sec	@Time 1.00 hour	
	78	78	
	@Time 86400 sec	@Time 24.0 hour	
Shear Strength	13.4 MPa	1950 psi	Tensile lap

Processing Properties	Metric	English	Comments
Pot Life	5.0 min	5.0 min	
Gel Time	5.00 min	5.00 min	
	@Thickness 1.27 mm	@Thickness 0.0500 in	

Descriptive Properties	Value	Comments
Color	Tan	
Parts by Weight (pbw)	100	AboCast 8503-9

Descriptive Properties	Value	Comments
Viscosity	Putty	

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