

Abatron AboCast 8503-10/AboCure 8503-10 5-Minute Epoxy

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

Material Notes:

AboCast 8503-10/AboCure 8503-10 is a very-fast-hardening 2-component epoxy adhesive, casting, and patching compound. It is the toughest, most machineable, 5-minute metal-filled putty available. It has the superior tooling, adhesive, and structural properties required in machine shops, the metal-working industry, and maintenance applications. It is neither an electrical conductor nor magnetic. 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-8503-10AboCure-8503-10-5-Minute-Epoxy.php

Physical Properties	Metric	English	Comments
Water Absorption	0.80 %	0.80 %	
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	13	13	
	@Time 601 sec	@Time 0.167 hour	
	40	40	
	@Time 1800 sec	@Time 0.500 hour	
	68	68	
	@Time 3600 sec	@Time 1.00 hour	
	76	76	
	@Time 86400 sec	@Time 24.0 hour	
Shear Strength	14.5 MPa	2100 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	Gray	

Parts by Weight (pbw) Descriptive Properties	100 Value	AboCast 8503-10 Comments
	100	AboCure 8503-10
Viscosity	Putty	

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