

Abatron AboCast 10-5/AboCure 50-12 Epoxy

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy , Cast , Unreinforced

Material Notes:

AboCast 10-5 is a filled, high-viscosity epoxy resin. It is blended with AboCure 50-12 to make a structural adhesive and casting compound for the optic and electric industry. AboCure 50-12 is a clear room-temperature-cure, low-viscosity, high modulus converter. AboCast 10-5/AboCure 50-12 is preferred when the highest hardness, rigidity, chemical, and heat resistance obtainable with any room-temperature cure are desired. It is excellent for castings with high requirements. This blend's main advantages are: it has low-viscosity and is faster, very hard, room-temperature-cure, chemical resistant, and can be used for small castings. It also is dielectric and offers good adhesion, virtually no shrinkage, and high resistance to alkalis, diluted acids, water, many solvents, and outdoors.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCast-10-5AboCure-50-12-Epoxy.php

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 °C	266 °F	

Processing Properties	Metric	English	Comments
Pot Life	40 min @Temperature 25.0 °C	40 min @Temperature 77.0 °F	100 g

Descriptive Properties	Value	Comments
Color	Green	
Hardening Time (min)	60 to 360	25°C
Parts by Weight (pbw)	100	AboCast 10-5
	6.5	AboCure 50-12
Viscosity	Fluid	

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