

Abatron AboCast 10-5/AboCure 3-4 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 3-4 to make a structural adhesive and casting compound for the optic and electric industry. AboCure 3-4 is a tan room-temperature-cure converter in paste form. AboCast 10-5/AboCure 3-4 is used as a thick adhesive for metal, ceramic, glass, and other rigid materials, or also for troweling rustproof wear resistant surfaces. It offers good thermal conductivity. As AboCure 3-4 can be used from 25 to 70 pbw with 100 pbw AboCast 10-5, the properties of the cured product can vary from the higher rigidity and chemical and heat resistance of the lower AboCure ratios (25-30 pbw) to the higher flexibility, thermoshock resistance, and better adhesion to critical substrates of the higher AboCure ratios (up to 60-70 pbw). This blend's main advantages are: it has variable ratios and is very thick, slow, room-temperature-cure, adhesive, and thermocycling. 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-3-4-Epoxy.php

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	85.0 °C	185 °F	

Processing Properties	Metric	English	Comments
Pot Life	60 min @Temperature 25.0 °C	60 min @Temperature 77.0 °F	100 g

Descriptive Properties	Value	Comments
Color	Green	
Hardening Time (min)	120 to 360	25°C
Parts by Weight (pbw)	100	AboCast 10-5
	25-70	AboCure 3-4
Viscosity	Paste	

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