

Abatron AboCast/AboCure 8501-5/8501-4 High Temperature Resistant Epoxy

Category : Polymer , Thermoset , Epoxy , Epoxy, Cast, Unreinforced , Epoxy, High Temperature

Material Notes:

Gray, high viscosity, structural/dielectric epoxy with high temperature resistance. Suggested Uses: Casting, bonding, potting, encapsulation of electric, structural and industrial components to be used at temperatures up to 300°C. Casting and assembly of tools, patterns, models and structural components that must operate in extremely hot and corrosive environments. Processing: 100/41 ratio (pbw). Cured 2 hours at 95°C + 24 hour post-cure at 260°C. Information provided by Abatron.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCastAboCure-8501-58501-4-High-Temperature-Resistant-Epoxy.php

Physical Properties	Metric	English	Comments
Viscosity	30000 cP	30000 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.586 - 0.795 W/m-K	4.06 - 5.51 BTU-in/hr-ft²-°F	
Maximum Service Temperature, Air	300 °C	572 °F	

Processing Properties	Metric	English	Comments
Pot Life	1200 min	1200 min	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

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