

Abatron AboCast 37-10/AboCure 37-10 Adhesive/Casting

Category : Polymer , Adhesive , Thermoset

Material Notes:

Information provided by Abatron, Inc. Adheres to metal, glass, ceramics, wood, masonry, etc. Material properties are based on a 2/1 mix ratio. Resin is white, curing agent is black. Gray blend allows for visual inspection of proper mixing and ratios. Shelf life: 12+ months (unmixed). Processing: 100/(40-100) ratio. Pot life: 100 g, 2.5 hrs at 25°C (77°F). Hardens in 10-18 hours at 25°C (77°F), 9-10 min. at 80°C (175°F), 5 min. at 120°C (250°F), 1-2 min. at 150°C (300°F). Corrosion Resistance: good resistance to atmospheric conditions, soft and salt water, alkalis and diluted acids.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCast-37-10AboCure-37-10-AdhesiveCasting.php

Physical Properties	Metric	English	Comments
Water Absorption	0.20 %	0.20 %	after 24 hrs.
Viscosity Measurement	100	100	
	@Temperature 25.0 - 27.0 °C	@Temperature 77.0 - 80.6 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	100/40 pbw; 68 at 100/80 pbw; 66 (60 after 10 sec) at 100/100 pbw
Tensile Strength, Ultimate	51.0 MPa	7400 psi	Typical averaged test results for Abatron Adhesive/Casting Resins.
Elongation at Break	3.0 %	3.0 %	Typical averaged test results for Abatron Adhesive/Casting Resins.
Flexural Yield Strength	83.0 MPa	12000 psi	Typical averaged test results for Abatron Adhesive/Casting Resins.
Compressive Yield Strength	115 MPa	16700 psi	Typical averaged test results for Abatron Adhesive/Casting Resins.

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China