

Abatron AboWeld 48-14/AboCure 48-14 Adhesive/Casting Resin

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/(100-150) ratio. Thixotropic (Vaseline-like consistency) Pot life: 100 g, 8-11 hours at 25°C (77°F). Hardens in 2-4 days at 25°C (77°F), 30-40 min. at 80°C (175°F), 20-25 min. at 120°C (250°F), 15-20 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-AboWeld-48-14AboCure-48-14-AdhesiveCasting-Resin.php

Physical Properties	Metric	English	Comments
Water Absorption	0.20 %	0.20 %	after 24 hrs.

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