

3M Scotch-Weld™ EC2500 General Purpose Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ General Purpose Instant Adhesives are single component, high strength ethyl cyanoacrylate adhesive designed to bond to a variety of substances including most plastics, rubbers, metals, and other common substrates. They are available in a wide variety of viscosities. Slow cure for porous material or gap filling. It is also used on assemblies where parts are not close-fitting, surfaces are rough or porous, or where time is required to align parts before cure. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-EC2500-General-Purpose-Instant-Adhesive.php

| Physical Properties | Metric | English | Comments |
|----------------------|----------------|---------------------------|-------------------|
| Density | 1.06 g/cc | 0.0383 lb/in ³ | Uncured |
| Viscosity | 2500 cP | 2500 cP | |
| Brookfield Viscosity | 2175 - 2750 cP | 2175 - 2750 cP | LVF sp #3 @30 rpm |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------|----------|-----------------|
| Tensile Strength at Break | 20.0 MPa | 2900 psi | cured; ISO 6922 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 82.0 °C | 180 °F | |
| Minimum Service Temperature, Air | -54.0 °C | -65.2 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|------------------|-----------------------|---------------------------|
| Cure Time | 0.333 - 1.00 min | 0.00555 - 0.0167 hour | Time to Handling Strength |
| | 1440 min | 24.0 hour | Full Cure |

| Descriptive Properties | Value | Comments |
|------------------------|--------------|----------|
| Appearance | Clear liquid | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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