

## 3M Scotch-Weld™ L05 Low Odor Instant Adhesive

Category : Polymer , Adhesive

### Material Notes:

3M™ Scotch-Weld™ Low-Odor Instant Adhesives are formulated to have low volatility while maintaining bonding of a wide range of materials. Low volatility means that these products are not only low odor but also low blooming. The residues (chlorosis) of the joint area are eliminated to improve appearance in cosmetically critical applications. Lower odor can improve worker comfort in work areas where ventilation is limited. These products reduce the requirement for sophisticated ventilation systems that may be necessary when dispensing other cyanoacrylates. L05 is a very low viscosity low odor cyanoacrylate that is recommended for the close fitting part and wicking ability. It can be used as a wicking adhesive to provide bonding of pre-assembled parts. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-L05-Low-Odor-Instant-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-L05-Low-Odor-Instant-Adhesive.php)

| Physical Properties | Metric    | English       | Comments |
|---------------------|-----------|---------------|----------|
| Density             | 1.05 g/cc | 0.0379 lb/in³ |          |
| Viscosity           | 5.0 cP    | 5.0 cP        |          |

| Mechanical Properties     | Metric   | English  | Comments        |
|---------------------------|----------|----------|-----------------|
| Tensile Strength at Break | 13.1 MPa | 1900 psi | cured; ISO 6922 |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 71.0 °C  | 160 °F   |          |
| Minimum Service Temperature, Air | -54.0 °C | -65.2 °F |          |

| Processing Properties | Metric            | English               | Comments                  |
|-----------------------|-------------------|-----------------------|---------------------------|
| Cure Time             | 0.0833 - 1.00 min | 0.00139 - 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.

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