

## Henkel Hysol EA 9359.3 Paste Adhesive System

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

### Material Notes:

Excellent peel and shear strength. Bonds a variety of substrates. Applications: Structural Repair Composite Bonding

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Henkel-Hysol-EA-93593-Paste-Adhesive-System.php](http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-93593-Paste-Adhesive-System.php)

| Physical Properties | Metric   | English  | Comments |
|---------------------|----------|----------|----------|
| Storage Temperature | 25.0 Å°C | 77.0 Å°F |          |

| Mechanical Properties  | Metric                 | English                | Comments          |
|------------------------|------------------------|------------------------|-------------------|
| Tensile Strength       | 36.6 MPa               | 5310 psi               |                   |
| Elongation at Break    | 7.7 %                  | 7.7 %                  |                   |
| Tensile Modulus        | 2.20 GPa               | 319 ksi                |                   |
| Adhesive Bond Strength | 6.90 MPa               | 1000 psi               | Tensile Lap Shear |
|                        | @Temperature 93.0 Å°C  | @Temperature 199 Å°F   |                   |
|                        | 27.6 MPa               | 4000 psi               | Tensile Lap Shear |
|                        | @Temperature -55.0 Å°C | @Temperature -67.0 Å°F |                   |
|                        | 31.0 MPa               | 4500 psi               | Tensile Lap Shear |
|                        | @Temperature 25.0 Å°C  | @Temperature 77.0 Å°F  |                   |
| Peel Strength          | 13.4 kN/m              | 76.5 pli               | Bell Peel         |

| Thermal Properties               | Metric   | English | Comments |
|----------------------------------|----------|---------|----------|
| Maximum Service Temperature, Air | 93.0 Å°C | 199 Å°F |          |

| Processing Properties | Metric                | English               | Comments |
|-----------------------|-----------------------|-----------------------|----------|
| Cure Time             | 60.0 min              | 1.00 hour             |          |
|                       | @Temperature 82.0 Å°C | @Temperature 180 Å°F  |          |
|                       | 7200 - 10100 min      | 120 - 168 hour        |          |
|                       | @Temperature 25.0 Å°C | @Temperature 77.0 Å°F |          |
| Pot Life              | 40 min                | 40 min                |          |

| Processing Properties    | Metric | English     | Comments |
|--------------------------|--------|-------------|----------|
| Descriptive Properties   |        | Value       | Comments |
| Consistency              |        | Thixotropic |          |
| Form                     |        | 2 parts     |          |
| Mix Ratio, Part A:Part B |        | 100:44      |          |
| Peel Strength            |        | High        |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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