

## Protective Coating PC-Woody® Epoxy Paste

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

### Material Notes:

PC-WOODY® is an epoxy paste formulated to replace missing and rotted wood with structural strength greater than most wood. Use for permanent repairs on all types of wood-exterior or interior. Unlike typical wood fillers, PC-WOODY® is a permanent wood repair product. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Protective-Coating-PC-Woody-Epoxy-Paste.php](http://www.lookpolymers.com/polymer_Protective-Coating-PC-Woody-Epoxy-Paste.php)

| Physical Properties | Metric     | English       | Comments  |
|---------------------|------------|---------------|-----------|
| Density             | 0.720 g/cc | 0.0260 lb/in³ | ASTM D792 |
| Water Absorption    | 0.44 %     | 0.44 %        | ASTM C413 |

| Mechanical Properties      | Metric      | English     | Comments                           |
|----------------------------|-------------|-------------|------------------------------------|
| Hardness, Shore D          | 55          | 55          | 1 Week Cure; ASTM D2240            |
| Elongation at Break        | 5.0 - 7.0 % | 5.0 - 7.0 % | ASTM D638                          |
| Flexural Yield Strength    | 9.00 MPa    | 1310 psi    | ASTM D580                          |
| Compressive Yield Strength | 16.0 MPa    | 2320 psi    | ASTM D695                          |
| Adhesive Bond Strength     | 5.90 MPa    | 856 psi     | Tensile Shear Strength; ASTM D1002 |
| Gardner Impact             | 11.0 J      | 8.11 ft-lb  |                                    |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Maximum Service Temperature, Air            | 93.0 °C | 199 °F  |           |
| Deflection Temperature at 1.8 MPa (264 psi) | 49.0 °C | 120 °F  | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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