

## Protective Coating PC-11® White Epoxy Paste

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

### Material Notes:

PC-11® is a Heavy Duty-white epoxy Paste formulated by the manufacturer of PC-7.® After mixing, PC-11® can be applied to a dry, wet or underwater surface and will cure to an off white color. PC-11® formulation provides working time of over 1/2 hour, giving user ample time to complete larger jobs, reposition work or make changes. PC-11® demonstrates excellent chemical resistance to mild acids, caustics, detergents, gasoline, fuel oil, salt and fresh water. PC-11® will not bond to TEFLON®, polyethylene, and some soft flexible plastics. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Protective-Coating-PC-11-White-Epoxy-Paste.php](http://www.lookpolymers.com/polymer_Protective-Coating-PC-11-White-Epoxy-Paste.php)

| Physical Properties | Metric    | English                   | Comments  |
|---------------------|-----------|---------------------------|-----------|
| Density             | 1.12 g/cc | 0.0405 lb/in <sup>3</sup> | ASTM D792 |
| Water Absorption    | 0.44 %    | 0.44 %                    | ASTM C413 |

| Mechanical Properties  | Metric    | English    | Comments                           |
|------------------------|-----------|------------|------------------------------------|
| Hardness, Shore D      | 72        | 72         | 1 Week Cure; ASTM D2240            |
| Elongation at Break    | 3.0 %     | 3.0 %      | ASTM D638                          |
| Flexural Strength      | 17.69 MPa | 2565 psi   | ASTM D580                          |
| Compressive Strength   | 32.30 MPa | 4685 psi   | ASTM D695                          |
| Adhesive Bond Strength | 11.8 MPa  | 1710 psi   | Tensile Shear Strength; ASTM D1002 |
| Gardner Impact         | 16.0 J    | 11.8 ft-lb |                                    |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 93.0 °C  | 199 °F   |          |
| Minimum Service Temperature, Air | -28.9 °C | -20.0 °F |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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