

## Protective Coating PC-7® Epoxy Paste

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

### Material Notes:

PC-7® is a tough job Epoxy formulation developed for maximum bonding power. Components A (grey) and B (black), when mixed, react to form a bond of good strength. PC-7® formulation provides extended working time, giving user ample time to complete larger jobs, reposition work or make changes. High wet grab or tack of PC-7® makes overhead and sidewall work easy without drip or sag. PC-7® demonstrates excellent chemical resistance to mild acids, caustics, detergents, gasoline, fuel oil, salt, and fresh water. PC-7® will not bond to wax paper, TEFLON®, polyethylene, and some soft plastics. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Protective-Coating-PC-7-Epoxy-Paste.php](http://www.lookpolymers.com/polymer_Protective-Coating-PC-7-Epoxy-Paste.php)

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.44 %	0.44 %	ASTM C413

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	76	76	1 Week Cure; ASTM D2240
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	20.0 MPa	2900 psi	ASTM D580
Compressive Yield Strength	29.0 MPa	4210 psi	ASTM D695
Adhesive Bond Strength	15.0 MPa	2180 psi	Tensile Shear Strength; ASTM D1002
Gardner Impact	18.0 J	13.3 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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