

WCP 45 Wafer Protection Coating Product Datasheet

Excellent Protection

Easy Removal

Zero VOC

Description

WCP 45 is a zero VOC, aqueous polymer coating, which can be used by spin coating, dip coating or spray coating onto wafer. It can be dried at room temperature after coating. WCP coating can provide excellent protection for wafer during laser dicing, drilling, grooving. It can be easily removed using D.I water at room temperature.

Typical Physical Properties

Product Name	WCP 45 wafer protection coating
PROPERTIES OF UNCURED MATERIAL	
Appearance	Transparent colorless liquid
Specific Gravity (ASTM D 1475-60)	1.03 g/cc
Viscosity (DIN CUP 4)	10 – 15s
Solvent (%)	0
Flexibility (MIL-L-46058C)	Excellent
Adhesion (ASTM D2197)	Excellent
Extractable ions (MIL-STD-883E)	
K+	<5ppm

F-	<5ppm
Cl-	<10ppm

Recommended Cure Process

WCP 45 can be dried at room temperature.

Storage & Shelf Life

6 months provided materials are kept in a sealed original container at room temperature. Storage beyond this period can produce higher viscosity. Protect from UV light, moisture, evaporation and foreign materials. Process ability of these products can be adversely affected by evaporation and contamination.

Safety

WCP 45 is a friendly, non-toxic material. However, general hygiene practice is recommended when handling this material. For detailed information please consult our SDS.

Package

WCP 45 protective coating is available in 55cc and 12oz. Other packages are available depending upon customer's request. Contact YINCAE for order information.