

**Technical Data Sheet** 

# CE3301

# PRODUCT DESCRIPTION

CE3301 provides the following product characteristics:

Technology	Ероху
Appearance	Beige
Product Benefits	<ul> <li>One component</li> </ul>
	<ul> <li>Non-conductive</li> </ul>
	<ul> <li>Low temperature cure</li> </ul>
	<ul> <li>Good resistance to water</li> </ul>
	permeation
	<ul> <li>Good flexibility</li> </ul>
Cure	Heat cure
Application	Sealing
Typical Assembly	OLED and E-paper displays
Applications	

LONGAIN CE3301 adhesive sealant is designed for display assembly applications that require protection against humidity and oxygen.

# TYPICAL PROPERTIES OF UNCURED MATERIAL

Viscosity, Cone & Plate, @ 25 °C mPa·s (cP):	
CP40, 5rpm	760
CP40, 50rpm	600
Pot Life @ 25°C, hours	10
Shelf Life @ -40°C	3months

# TYPICAL CURING PERFORMANCE

### Cure Schedule

90minutes @ 70°C or 60minutes @ 80°C

The above cure profiles are guideline recommendations. Cure conditions (time and temperature) may vary based on customers' experience and their application requirements, as well as customer curing equipment, oven loading and actual oven temperatures.

# TYPICAL PROPERTIES OF CURED MATERIAL

Physical Properties		
Hardness, Shore D		80
Tensile Modulus, single bending test: @ 30°C	N/mm²	2,200
Water Vapor Permeability Coefficient, g. 50°C/100% RH	.mil/100 in² .d	ay: 12
TYPICAL PERFORMANCE OF CURED MATERI Miscellaneous Die Shear Strength: 4 X 4 mm (160 x 160 mil) Glass die to PET	<b>АL</b> Г, Кg	25

# GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

### THAWING:

- 1. Allow container to reach room temperature before use.
- 2. After removing from the freezer, set the syringes to stand vertically while thawing.
- 3. Any moisture that collects on the thawed package should be removed prior to opening the package.

### DIRECTIONS FOR USE

- 1. The surfaces on which the adhesive has to be applied should be clean, dry and free from all dust.
- 2. Due to the nature of the product, heating of the syringe or the surface during dispensing is not advised as this will cause the product to start to cure.

## Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

# Optimal Storage : -40 °C

Material removed from containers may be contaminated during use. Do not return product to the original container. Longain Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.