

# Technical Data Sheet IC60P

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## Product Description

A one component adhesive curable using white / UV Light. Suitable for:  
PC, PMMA, PVC, ABS

## Properties Uncured

Item	Typical Value	Range	Test Standard
Appearance	amber transparent liquid		
Chemical type	urethane acrylate		
Viscosity (mPa.s@25°C)			
Brookfield RVTCP42		300-500	GB/T2794-1995
Density (g/cm <sup>3</sup> )	1.03	1.00-1.10	GB/T13354-1992

## Curing Performance

Cured by exposure to UV light, light strength is of 100mW/cm.

Tack free time (s)	3
Curing depth (mm@20s)	>2.5
Fulling cured energy:	>1200mj/cm

## Performance Cured

Physical Properties	Typical Value	Range	Test Standard
Hardness (Shore D)	53		GB/T2411-1980
Tensile strength(MPa)			
AL/PMMA	>7		
PMMA/GLASS	>6		
Elongation at break (%)	220		GB 1040-1992
Water absorption rate(% ,25°C@24h)	1.5		GB/T1034-1998
Work temperature (°C)	-50-150		
Electric Properties	Typical Value		Test Standard
Dielectric constant (1MHz)	4.8		GB/T1693-2007
Dielectric loss (1MHz)	0.013		GB/T1693-2007
Dielectric strength (KV/mm)	26		GB1410-1989
Volume resistivity (Ω.cm)	7.4×10		GB1410-1989
Solvent resistance properties			

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## Instructions for Use

The Surface to be bonded should be clean and dry.

Exposed to white light and UV light measured @ 365nm, make sure the material to be bonded is light transmittable.

Curing rate is dependent on UV light intensity, distance from light source, and curing time.

Close the lid as soon as finish the operation. Keep away from daylight, UV light and artificial lighting.

## Notice

Keep far away from children.

Use in a well-ventilated space.

In case of contact with skin, rinse with soapy water immediately. In case of contact with eyes, rinse with a plenty of clean water immediately and go to the hospital for an examination.

For further information, please refer to MSDS.

## Package

Store in a cool, dry place

Store in the unopened container at 5-28°C, keep away from light and moisture.

Shelf life : 12 months.