

### Product Description

Bondchem UV10 is a low viscosity ultra violet light curing adhesive and will cure with both UV and visible of good intensity.

### Typical Applications

Bondchem UV10 was designed for the bonding of PMMA and PC. It has the ability to cure in seconds which will enable faster processing of parts and greater output.

### Instructions For Use

**This adhesive is UV sensitive, any exposure to daylight, UV light and artificial light should be kept to an absolute minimum during storage and handling.**

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| <ol style="list-style-type: none"> <li>Clean parts fully and apply adhesive to one of the mating parts.</li> <li>Assemble parts, and position ensuring any bubbles are removed prior to cure.</li> <li>Apply UV light and allow to cure.</li> <li>As the cure rate depends upon lamp intensity, distance from</li> </ol> | <p>light source, depth of cure needed, bondline gap, and the light transmittance through the substrate itself, it is always advisable to test and assess cure speed prior to production.</p> <ol style="list-style-type: none"> <li>For guidance, if the gel time under UV exposure = <b>X</b> always allow a minimum of <b>X+2X</b> for a full cure before moving the parts.</li> </ol> |
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### Properties of Uncured Material

Resin	Urethane Acrylate
Appearance	Clear Translucent
Viscosity	100-200cps
Cure System	UV Light

### Performance of Cured Material

Cure speed glass to stainless steel 250W Lamp 365Nm 6mm Glass	<15 Seconds
Typical bond Strength ASTM D2095-69	Lap shear strength PPMA/ PPMA*(SF)
Hardness (shored) * Substrate Failure	70-85

### Packaging

Bondchem UV10 is available in 50g and 250g black bottles.

### Storage & Shelflife

Bondchem UV10 should be stored unopened in a cool dry location, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

### Health and Safety in Use

**Bondchem UV10 should not be used without consulting the MSDS, which contains full information regarding the use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures essential to the safe use of this product.**