**Technical Datasheet**

**Holdtite 6030**

**Product Description**

Holdtite 6030 is a two component fast curing epoxy, that cures at room temperature to form a tough, rigid thermoset polymer. 6030 has high adhesion to a wide variety of substrates, and also offers excellent depth of cure. Once cured, the 6030 has high cohesive strength, and good environmental and shock resistance.

**Typical Applications**

Holdtite 6030 is used widely as a structural adhesive in the composite, electronic, and DIY market sectors. Some typical uses of the 6030 are:

* Bonding fasteners onto the gel coat surface of fibreglass
* Bonding wood, metal and glass for furniture manufacture
* Potting and encapsulating sensors
* Fibreglass repairs and patches

**Instructions For Use**

1. Always consult MSDS before using 6030 for the first time.
2. Carry out surface preparation where required. \*
3. Remove cap, and attach mixer nozzle.
4. Dispense sufficient adhesive to ensure equal mix.
5. Apply adhesive to one suface and assemble components carefully, clamping if required.
6. It is always easier to remove any excess adhesive prior to cure using a suitable cleaner \*
7. Allow the adhesive sufficient time to achieve handling strength before moving or unclamping components.

\*(See Bonchem Guide to Bonding for full information and in depth usage instructions)

**Properties of Uncured Material**

|  |  |
| --- | --- |
| Resin | Bisphenol A |
| Colour | Clear/Yellow |
| Viscosity | 10,000cps |
| Mix Ratio | 1:1 |
| Cure System | Exothermic |
| Open Time | 35 Minutes @200C |
| Handling Strength | 45 Minutes@ 200C |
| Full Cure | 24 hours @ 200C |

**Performance of Cured Material**

|  |  |
| --- | --- |
| Shore Hardness | 85 Shore D |
| Chemical Resistance | Good |
| Gap Fill | 3mm |
| Temperature Range | -500C to 600C |

**Packaging**

Holdtite 6030 is available in 25ml, 50ml,and 400ml cartridges.

**Storage & Shelflife**

Holdtite 6030 should be stored in a cool dry area, out of direct sunlight. Stored correctly , this grade can offer a 12 month shelf life from manufacture.

**Health and Safety in Use**

**Holdtite 6030 is an epoxy adhesive and 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.**