

Quick Set Epoxy Resin



**RoHS
Compliant**

Description

MC002740 is a fast curing epoxy resin that will bond to a wide variety of materials and cure rapidly. It is suitable for the rapid assembly of small components or for fast and effective repair work.

Typical Properties

Liquid Properties

Base Material	: Epoxy
Colour Part A - Resin	: Clear
Colour Part B - Hardener	: Clear
Mix ratio (by weight)	: 1:2
Part A Viscosity (mPa s @ 23°C)	: 11000
Part B Viscosity (mPa s @ 23°C)	: 15000
Mixed System Viscosity (mPa s @ 23°C)	: ~ 35,000
Density Part A (g/ml)	: 1.16
Density Part B (g/ml)	: 1.15
Usable Life (at 23°C)	: 3 mins
Handling Time (at 23°C)	: 5 mins
Full Cure (at 23 °C)	: 24 hours

Cured System

Lap Shear Strength (MPa)	: ~ 9
Temperature Range (°C)	: -55 to +100
Colour (Mixed System)	: Clear

Mixing Procedures

"Burst Pack" Sachet

MC002740 is packed into a 3g sachet. Resin and hardener are mixed together on the supplied mixing palette using the wooden spatula provided. The adhesive can then be applied to the substrate using the wooden spatula.

Note:

When storing under very cold conditions, the hardener may crystallise. If this occurs, simply warm (40°C) the container gently until all crystals have re-melted.

Part Number Table

Description	Part Number
Quick Set Epoxy Resin, 3g, Sachet	MC002740

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