U RESIN 2420

U RESIN 2420 Epoxy Casting Compound is a 100% solids filled epoxy casting compound system which can be used to encapsulate a wide range of materials particularly electrical components. Typical applications include electrical encapsulation, mould backing and moulded epoxy components.

U RESIN 2420 Epoxy Casting Compound is a two pack epoxy which whilst thick is easily poured when mixed. U RESIN 2420 Casting Compound has good resistance to chemicals. The two components can be mixed using a spatula or stirrer until a uniform grey colour is obtained.

One of the great features of U RESIN 2420 when mixed, develops a very low exothermic (heat) reaction. This low exothermic reaction is necessary when working with heat-sensitive components. This leads to lower shrinkage and greater compressive strength. The mix will cure at room temperature.

PROFILE:

	PART A	PART B	MIXED
Colour	OFF WHITE	BLACK	GREY
Mix Ration (by Weight)	2	1	
Pot Life @ 25°C (mins)			60
Compressive Strength			69MPa
Specific Gravity			1.8
Hardness (Shore D)			75-80

SURFACE PREPARATION
The surface should be free of loose material and all foreign matter such as dirt, oil and other contaminates. A solvent such as acetone may be used to clean the surface.

PREPARATION
It is important that the correct mix ratio is used and that the resin and hardener are thoroughly stirred before use and accurately weighed out.

MIXING
Mix both components together until a homogenous mix has been achieved. Be sure to scrape the sides and bottom of the mixing vessel to ensure this.

FEATURES
Free of all Solvents
Easy to Pour
High Mechanical Strength
Bonds to a wide range of materials and substrates
Rated Non DG for transport

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