

Potting Epoxies

PACKAGING OPTIONS

Packaging Styles

Three styles are available:

TwinPack

Available over the entire range, a TwinPack comprises of a piece of plastic film, divided by a rigid clip which is removed allowing the materials to be mixed inside therefore reducing mess and eliminating the need for measuring-out. The TwinPack can be manufactured in any size between 2g and 500g depending on the material.

DuoSyringe

Available on some products*, the DuoSyringe system provides superior mixing where material is dispensed from a double-barrelled syringe simultaneously using an applicator and disposable mixing nozzles. Available in sizes between 25ml and 400ml.

Bulk

As the style suggests, Resintech offer the entire range in bulk packaging where customers may wish to mix the materials in different quantities or have automated dispensing equipment.

*Available with RT110BK & RT355. RT310 to special order.

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EPOXY POTTING COMPOUNDS from RESINTECH

Introduction

Resintech can provide custom solutions and standard products for almost any potting application.

Through our expertise and current range of systems Resintech offer a complete and diverse choice.

Covering large, as well as, small volumes applications, Resintech can offer systems in different colours, with different cure schedules and densities.

Standard Products

RT110BK

Black version of standard RT110, fast curing, small volume.

RT151

Optically clear, very low viscosity, small volume, accelerated or room temperature curing.

RT152

Slower version on RT151, can be used in quantities up to 25g.

RT310

Clear, slightly flexible, small or large volume, accelerated or room temperature curing.

RT323

Clear leading to red on cure, high operating temperature, small volume, accelerated cure only.

RT350

Black, flexible, low viscosity, room temperature curing, low exotherm.

RT355

As RT110BK but more flexible and has a degree of thixotropy.

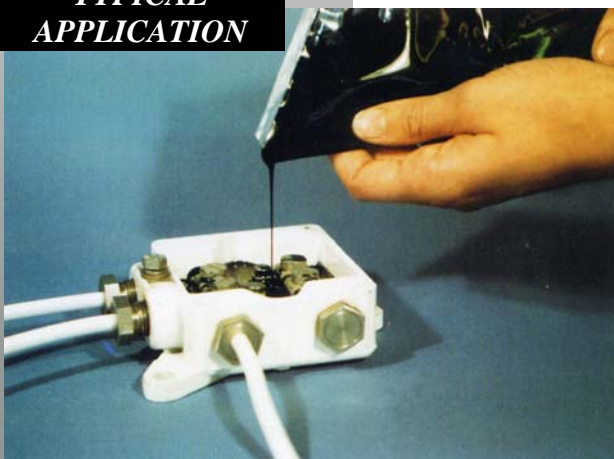
RT370

Black, flame retarded, general purpose, accelerated or room temperature cure, small or large volume.

RT380

Light weight, black, accelerated or room temperature cure, density of 0.6 g/ml making it ideal for applications where weight is critical.

TYPICAL APPLICATION



Comparison Chart for Resintech Potting Systems

System	Standard Colour	Cure Schedule	Viscosity (Pa·s)	Density (g/ml)	Operating Temperature (°C)	Hardness (Shore A or D)	Solvent/Chemical Resistance	Standard Packaging
RT110BK	Black	2 hours @ 23°C	ND* (Low)	ND* (1.2)	-55 to 85	ND*	ND* (Good)	50g DuoSyringe
RT151	Optically Clear	16-24 hours @ 23°C 1 hour @ 65°C	0.1	1.1	-60 to 200	81D	ND* (Excellent)	4g TwinPack 500g Bulk
RT152	Optically Clear	48 hours @ 23°C 90 minutes @ 80°C	0.3	1.05	-60 to 200	ND* (>80D)	ND* (Excellent)	4g TwinPack 500g Bulk
RT310	Clear	24 hours @ 23°C 4 hours @ 60°C	1	1.15	-55 to 115	60D	ND* (Good)	50g / 100g / 250g / 500g TwinPack 750g / 1.5kg Bulk
RT323	Clear to red on cure	180 minutes @ 60°C 30 minutes @ 80°C 10 minutes @ 100°C 4 minutes @ 120°C	2	1.15	-50 to 200	85D	Excellent	4g TwinPack 550g Bulk
RT350	Black	8 hours @ 23°C	5	1.15	-40 to 150	ND*	Good	120g / 360g TwinPack
RT355	Black	2 hours @ 23°C	ND* (Low)	ND* (1.2)	-40 to 150	80A	Good	50g DuoSyringe
RT370	Black	24 hours @ 23°C 2 hours @ 80°C	150	1.6	-55 to 115	85D	Good	50g TwinPack 5kg Bulk
RT380	Black	24 hours @ 23°C 4 hours @ 60°C	11	0.6	-55 to 150	40D	Good	500ml TwinPack

ND* - Not determined (known typical properties in use with customers, not determined by Resintech at present) Properties stated are typical and vary with each application. Customers are advised to conduct sufficient trials/evaluations of a product prior to use. Small samples are usually available on request.