

New product: PU potting compound in cartridges

IRS 3078 Polyurethane Potting Compound is a semi-rigid, room temperature curing and electrically insulating black polyurethane potting compound. The material, which is low viscosity, semi-thixotropic and flowable, is available in convenient side-by-side double syringe cartridges. This packaging suits customers with smaller volume or occasional production needs. It offers high adhesion, good electrical insulation properties and high impact resistance, with a resilient Shore D 65 hardness. It may also be used as a low viscosity adhesive.

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We offer an evaluation kit which contains everything needed to mix and dispense the material — a 50 ml cartridge of epoxy, a dispensing gun and three static mixing nozzles. The material has a 0.90:1 mix ratio by weight, a 1:1 mix ratio by volume and a viscosity of 2,000 mPas. Its working life is six minutes

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at room temperature. It is ideal for product evaluations or small quantity users in a range of applications including potting and encapsulating electronic assemblies, bonding of dissimilar materials and sealing road studs.

We recognise that every customer, and every application is different. Not only do different applications require different materials and equipment, but the way a material is packaged can make an impact on the process and change its suitability for an application – we are launching this material with that in mind.

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Last updated: August 2021

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