

Megapoxy HELLAS[®]

Technical Bulletin

MEGAPOXY 34

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Underground cable jointing and encapsulation of electrical components



Summary	<p>MEGAPOXY 34 is a low viscosity 100% solids epoxy resin formulation suitable for underground cable jointing and is recommended for encapsulation of instrument transformers, lighting transformers, small power transformers and coils, for electrical and electronic industries. MEGAPOXY 34 is suitable for casting electrical switchgear components and for mechanical and chemical resistant applications. Cured MEGAPOXY 34 has excellent static and dynamic mechanical properties as well as superior electrical and dielectric properties.</p>
Properties cured	<p>Peak Service Temperature: 150°C Volume Resistivity: 10¹³ ohm.cm Dielectric Strength: 315 kV/cm Compressive Strength: 90 MPa</p>
Availability	<p>MEGAPOXY 34 is available in 2 kg kits and bulk supplies are available. In each 2 kg kit measuring cups and stirrers are provided. MEGAPOXY 34 conforms to AS3100-1990 including amendments 1,2 by AGL for encapsulating and potting of electrical components and cable joints.</p>
Technical characteristics	<p>Mixing ratio by volume or weight - Part A: 4 parts - Part B: 3 part</p> <p>Pot life: 30 minutes at 25°C Setting time: 6 hours at 25°C Cure time: 24 hours at 25°C</p>
Technical service	<p>All purchasers of MEGAPOXY products are invited to avail themselves of our technical service on epoxy base materials. The methods and systems outlined in this bulletin are the best available at the present time, however continual research and development is being carried out and could result in change without prior notice.</p>

Please do not hesitate to contact us, for any additional information.