

MEGAPOXY E

HIGH IMPACT EPOXY FOR ELECTRICAL CASTINGS FOR ROOM OR ELEVATED TEMPERATURE SERVICE

MEGAPOXY E is recommended for encapsulation of instrument transformers, lighting transformers, small power transformers and coils, for electrical and electronic industries. MEGAPOXY E is suitable for casting electrical switchgear components and for mechanical and chemical resistant applications. Cured MEGAPOXY E has excellent static and dynamic mechanical properties as well as superior electrical and dielectric properties.

For service at temperatures up to 80°C : Use MEGAPOXY "E" Part "A" with Hardener "E".

For service at temperatures up to 137°C : Use MEGAPOXY "E" Part "A" with Hardener EH

MEGAPOXY E

	<u>HARDENER E</u>	<u>HARDENER EH</u>
Mixing Ratio by weight Resin	: 5	: 12.5
Hardener	: 1	: 1
Mixing Ratio by volume Resin	: 3	: 7.5
Hardener	: 1	: 1
Density g/cm ³	: 1.55	: 1.60
Working Time at 25°C	: 60 minutes	: 30 minutes
Minimum Curing time at 25°C	: 24 hours	: 24 hours

PROPERTIES CURED

Ultimate Compressive Strength	: 80 MPa	: 100 MPa
Martens Heat Distortion Temperature	: 65°C	: 127°C
Typical Dielectric- Strength 50HZ,25°C	: 18KV/mm	: 19KV/mm

AVAILABILITY

MEGAPOXY E Resin Component is available in 25kg packs.

MEGAPOXY E Hardener is available in 5kg packs.

MEGAPOXY Hardener EH is available in 5kg packs.

