

MEGAPOXY E

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

APPLICATIONS

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 150°C	Use MEGAPOXY "E" Part "A"
With Hardener 155	

SPECIFICATIONS

MEGAPOXY E

	HARDENER E	HARDENER 155
Mixing Ratio by weight Resin	: 5	: 10
Hardener	: 1	: 1
Mixing Ratio by volume Resin	: 3	: 6
Hardener	: 1	: 1
Density mixed g/cm ³	: 1.55	: 1.6
Working Time at 25°C	: 60 minutes	: 30 minutes
Minimum Curing time at 25°C	: 24 hours	: 24 hours
Followed by post curing in an oven,	N/A	Post cure

Slowly raising temperature to 150°C

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 Part A is available in 25 kg packs.
 MEGAPOXY E Hardener Part B is available in 5 kg packs.
 MEGAPOXY Hardener 155 Part B is available in 2.5 kg packs.

