

## ANDONOX ENP-80

### DESCRIPTION

ANDONOX ENP-80 is a medium active methyl ethyl ketone peroxide in proprietary phlegmatizer for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerator.

### TYPICAL PROPERTIES

Active oxygen content:	7.9 - 8.2 %
Free hydrogen peroxide content:	2.7 - 3.1 %
Water content:	max. 3 %
Appearance:	Colourless and clear liquid
Density at 20°C:	1.00 - 1.03 g/cm <sup>3</sup>
Viscosity at 20°C:	15 - 18 mPa.s
Flash point:	> 77°C (Method: Seta closed cup)
SADT:	60°C
Soluble in:	Oxygenated organic solvents
Insoluble in:	Water
Storage temperature:	Max 25°C

### APPLICATION

ANDONOX ENP-80 is not phlegmatized (diluted) with a phthalate like di-methyl phthalate or di-isobutyl phthalate as most other MEKPs on the market are. The phlegmatizer system makes ANDONOX ENP-80 somewhat less soluble in polyester resins than MEKPs with phthalates so therefore you need longer mixing time with ENP-80.

ANDONOX ENP-80 gives consistent room temperature performance with unsaturated polyester resins. The lower active oxygen level of ENP-80 makes this MEKP safer to handle and transport and can therefore be delivered in 180 kg polyethylene drums.

Suitable applications are: Hand lay-up, spray-up, continuous laminating, centrifugal casting, filament winding, polyester concrete and button manufacturing.

A single MEKP initiator formulation cannot provide optimum results in all resin systems. Evaluation of each MEKP in each resin intended for use is absolutely essential before full-scale manufacturing is attempted.

## PACKAGING, SHIPPING & AVAILABILITY

- The standard package size of ANDONOX ENP-80 is 180 kg in polyethylene drums.
- Classification – Please refer to the specific ANDONOX ENP-80 Safety Data Sheet (SDS) under section 14 & 15, shipping & regulatory information. **NOTE:** SDS's for all Syrgis Performance Initiators products may be requested by contacting the company.
- ANDONOX ENP-80 is available through a global distributor network. Call Syrgis Performance Initiators for the name of the distributor in your area.

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