

ANDONOX KP-9

DESCRIPTION

ANDONOX KP-9 is a methyl ethyl ketone peroxide in phlegmatizer for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerators.

TYPICAL PROPERTIES

Active oxygen content:	9.0 - 9.2 %
Free hydrogen peroxide content:	1.6 - 1.8 %
Water content:	1.5 %
Appearance:	Colourless and clear liquid
Density at 20°C:	1.12 - 1.15 g/cm ³
Viscosity at 20°C:	9 - 15 mPa.s
Flash point:	> 80°C (Method: Seta closed cup)
SADT:	65°C
Soluble in:	Oxygenated organic solvents
Insoluble in:	Water
Storage temperature:	Max 25°C

APPLICATION

ANDONOX KP-9 is a general purpose MEKP and is the workhorse of the Syrgis Performance Initiators line. ANDONOX KP-9 gives consistent room temperature performance with both resins and gelcoats. A reliable product of remarkable purity, ANDONOX KP-9 assures quality in almost every system. Suitable applications are: Hand lay-up, spray-up, RTM, continuous laminating, centrifugal casting, filament winding, polyester concrete and vacuum infusion. 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.

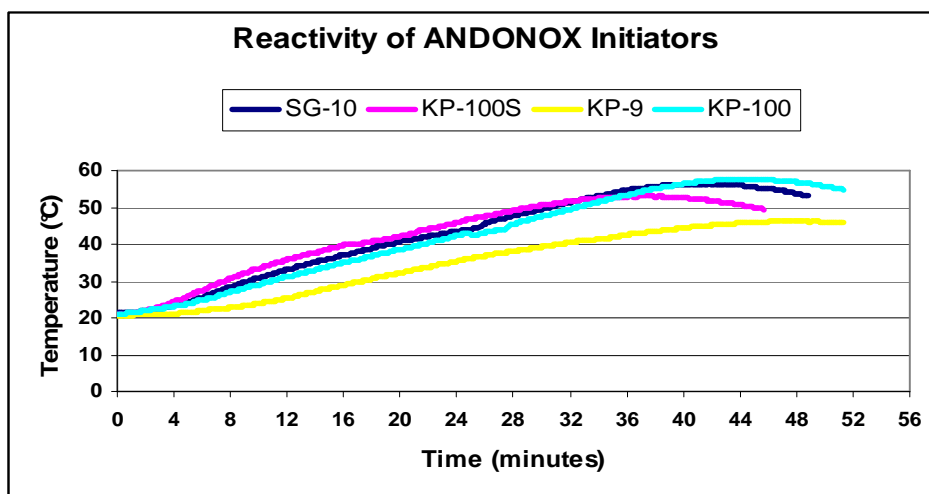
ANDONOX KP-9

CURE CHARACTERISTICS

A reactivity test with an unsaturated polyester resin gave the following results:

Resin: Orthophthalic polyester Temperature: 21°C
Initiator %: 1.0 Accelerator %: 1% (1% cobalt)

Initiator	Gel time Min	Time to peak min	Peak exotherm temp °C
ANDONOX KP-9	11	48	47
ANDONOX KP-100	8	45	58
ANDONOX SG-10	6	42	56
ANDONOX KP-100S	5	37	53



PACKAGING, SHIPPING & AVAILABILITY

- The standard package sizes of ANDONOX KP-9 are 5 kg and 25 kg polyethylene bottles.
- ANDONOX KP-9 is available pre-dyed in 25kg bottles. Please see Syrgis Performance Initiators TDS for Peroxide Dye Concentrates.
- Classification – Please refer to the specific ANDONOX KP-9 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 KP-9 is available through a global distributor network. Call Syrgis Performance Initiators for the name of the distributor in your area.

"The information contained in this bulletin is based on information received of our staff and of others and is presented in good faith and with every belief in its accuracy. Due to the extensive technology involved in its usage, the manufacturer in no way guarantees such information, nor does he make any recommendations as to its use in the infringement of any patent. The information contained in this bulletin supersedes and replaces all information contained in all previous bulletins. Seller makes no warranty of any kind, expressed or implied, except that the goods sold hereunder shall meet the specifications of the buyer. After goods are accepted by the buyer within the time specified the buyer assumes all risk and liability for damages resulting from the use of the goods. Whether used by the buyer singly or in combination with other products, or if sold by buyer to third persons either in its original form or if repackaged by buyer and then sold to third persons."

Syrgis Performance Initiators AB
P.O. Box 26083, SE-100 41 Stockholm, Sweden
Phone. +46(0)8 545 121 60 • Fax +46 (0)8 545 121 70 •
email info@syrgis.se • www.syrgis.se