



TECHNICAL DATA SHEET

RESMOK 3001 K

General

RESMOK 3001 k is a 75% m/m solution in xylene of RESMOK 3001 k , a resin similar to KER 1001 but with a different epoxy group content / viscosity relation. The properties of cured solvent-borne coating based on RESMOK 3001 k are substantially the same as those based on KER 1001

Applications

Solvent-borne 2-pack coatings (cured with polyamine or polyamide curing agents, at room temperature or force-dried) for the protection of metal and concrete.
It is also used as a modifier in stoving enamels based on acrylic resins or alkyd/melamine resin systems.

Specific Key Data

Property	Unit	Value	Test method
Epoxy group content (EEW**)	mmol/kg (g/eq)	2000~2220 * (450~500)*	ASTM D1652
Non-Volatile	wt. %	74~76	KPB-QC2-224
Color**	Pt/Co scale	200 max	ASTM D1209

* values for neat 100% resin

** grams of resin containing 1 g-equivalent of epoxide. (WPE, Weight per equivalent, is an alternative term).



Typical Key Data

Property	Unit	Value	Test method
Density at 25°C	kg/L	1.09	KPB-QC2-242
Flash point of xylene (Abel)	°C	> 27	IP 170

Package and Storage

RESMOK 3001 k should be stored in cool, dry conditions, away from sources of heat, preferably in the original containers kept tightly closed. Under these conditions and at normal temperatures the storage life should be at least one year.

Handling Precautions

Caution! Avoid dusty conditions.

Use with good ventilation.

Avoid contact with eyes or prolonged contact with skin.

Avoid breathing dust.

Store in cool dry area.

Wash after handling.

Please read our Material Safety Data Sheet before using.

First Aid

In case of contact:

Eyes : Flush eyes with plenty of water for at least 5 minutes

Skin : Wash skin with plenty of soap and water. Remove contaminated clothing and wash before reuse.

Inhalation : Remove to fresh air, Give oxygen or artificial respiration if necessary.

Ingestion : If conscious, give plenty of water to drink. Call a physician.