

ENNELOX TP RANGE

MAIN USE

These compounds are "surface" and "depth" anti-oxidising additives, intended for the formulation of "offset fresh inks" (Sheet Fed Inks).

- ✚ For ink manufacturers: prevent skin formation during the manufacturing process, especially between two operations like premixing & milling.
- ✚ For the printers: prevent the ink from drying on the rollers/blanket, during printing or after stopping the machine.

GUIDELINES

- ✚ Ennelox TP range Grade V are formulated in vegetable vehicle and binder only.

Product Name	Active content %	Physical form	Colour	Odour	Viscosity	Fineness	% Recommendation
ENNELOX TP 25 V	24, 7	Paste	Off white / pale beige	Very weak	120/150 p	<10µ	0.4 to 1%
ENNELOX TP 41 V	41	Paste	Off white / pale beige	Very weak	125/165 p	<10µ	0.3 to 0.7%
ENNELOX TP 50 V	49	Paste	Off white / pale beige	Very weak	120/150 p	<10µ	0.25 to 0.6%

PROPERTIES.

This new generation of antioxidant compounds has been developed in order to offer to ink manufacturers:

- ✚ Another technical alternative to HQ compounds, when users do not want or cannot use HQ.
 - ✚ This range is **not** classified as CMR.
 - ✚ High efficiency similar to the most powerful products usually used (i.e. hydroquinone).
- In addition, the TP pastes are compounded in an offset vehicle in order to obtain:
- ✚ Excellent compatibility with the ink formulation, allows good storage stability.
 - ✚ Very good lithographic properties, i.e. "water take-up", in order to maintain good press stability.
 - ✚ A very low percentage is needed: that permits to keep the original properties of the ink.
 - ✚ The high active ingredient concentration allows the use of very small amounts which reduce the formulation cost.
 - ✚ ENNELOX TP are completely miscible with oil inks as well as mineral and vegetable oils.
 - ✚ As ENNELOX TP pastes are able to be diluted in printing ink distillates, it is easy to reduce viscosity if needed.

STORAGE AND PACKAGING.

- ✚ Storage: at room T° without humidity.
- ✚ Shelf life: 6 months minimum.
- ✚ Available packaging: 25 kg pails, 200 kg drums, tailor made upon request.

OBSERVATIONS & USE.

1. Since ENNELOX TP pastes influence drying times, it is important to avoid "overdoses".
2. As pigments also affect drying times, it is preferable to carry out tests on each colour.
3. When possible ENNELOX TP pastes should be introduced during the last grinding stage.
4. **Always mix very well before any use.**

IMPORTANT: the information contained in this data sheet is believed to be accurate, but it should not be taken as a guarantee.

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