

MULTISTAR



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Hi-Tech Inks

A range of inks specifically formulated for the high speed flexographic and gravure printing of treated polypropylene and polyethylene films. These inks will find end uses on rice bags, bread bags and paper wrappings.

Properties

- Low odour and taint
- Glossy
- High level of rice oil resistance
- Good rub and scuff resistance
- Alcohol soluble and reducible
- Good colour strength
- Excellent printability
- Good transfer
- Low odour
- Non-toxic
- Excellent flexibility
- Good adhesion

Substrates

- Treated Polyethylene
- Treated Polypropylene
- Paper

Reducer

The normal reducers for Multistar inks are Meths and Ester Blends. Downanol may be used as a retarder.

FAST 3:1 Meths: Ethyl Acetate

NORMAL Meths

SLOW 4:1 Meths: Downanol

Care should be taken in using slow solvents when printing. Even small quantities of clean solvents may cause unacceptable levels of taint and odour.

Wash up

Meths: Ester Blends

Colour Range

A full range of pigments are available in the Multistar Range which may be limited by selection for specific applications. They are of reasonable light fastness but may not be suitable for extended exposure to direct sunlight. If requirements for more resistant pigments are needed, these should be stated at the time of ordering.

Viscosity

Supply Viscosity: Colours 40-45 Sec Zahn #2 @ 25°C

Print Viscosity: 25 -35 Sec Zahn #2 @ 25°C

BCF

These inks have been formulated in accordance with the recommendation of the British Coatings Federation.

Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried out in accordance with good industrial practice observing all the appropriate regulations including the relevant guideline notes to the Environment Conservation Act and Regulations (73/1989).

Health and Safety

Full details appear on the Material Safety Data Sheets

The information outlined in this data sheet is given in good faith but does not constitute a guarantee. Since conditions of handling and application are beyond our control, the converter should assure himself of the suitability of the product for the particular end use. It is recommended that advice be taken from Hi-Tech Inks' Technical Department for all new applications and it is preferable for trials to be carried out before full production runs are commenced.