

## DECOTHERM™ 220 E

DECOTHERM™ 220 E is a 68% hydroxyl functional polyester resin dissolved in tridecylalcohol (TDA) intended for use in metal decorating inks printed via spindle printing (dry offset) for 2-piece cans.

This polyester resin exhibits a good adhesion to metals, a very good printability and a high gloss.

### Application

Dry offset, spindle printing, metal decorating inks for 2-piece cans, coloured and white inks, acid catalyzed curing.

### Recommend use

This polyester is to be cured with melamine resins such as hexamethoxymethyl melamine (HMMM).

Recommended curing catalyst : **DECOTHERM™ 256 E**

Solvents that can be used are tridecylalcohol (TDA), tripropylene glycol (TPG) or TXIB

- ▲ High gloss
- ▲ Very good printability/transfer
- ▲ Excellent MEK resistance
- ▲ Good adhesion on metals

## Typical properties

Property	Value	Unit	Test Method
Acid value	50	mg KOH/g	Titration, LIMR1
Viscosity	200	Pa.s	Physica 23°C, at 25 sec <sup>-1</sup> , LIMV2
p-Ostwald	0.99	-	Physica 23°C, at 25 sec <sup>-1</sup> , LIMV2

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### Packaging

DECOTHERM™ 220 E can be available in drums or IBC's.

### Shelf life and storage conditions

Shelf life from date of production is typically 24 months.

The varnish should be stored at temperatures ideally between 10 and 30°C. The packaging should be kept tightly closed and stored in dry conditions.

An increase in viscosity is possible if the varnish is stored in wrong conditions or for an extended period of time.

**Product carbon footprint** calculated in line with ISO14040 standard is available upon request.

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