

Description

UHVO-221020 is a hexa-functional Polyester Acrylate for use in UV and EB curing applications.

Characteristics

- High reactivity
- Good lithographic properties
- Excellent pigment wetting
- BPA free

Suggested Application

- Flexo Inks
- Offset Inks
- Coatings
- LED applications

Typical Properties

Acid value [mg KOH/g]	≤ 3
Appearance	clear liquid
Bio renewable content [%]	12
Double bond density [mol/kg]	5.4 - 6.2
Colour, Gardner	5 - 8
Hydroxyl value [mg KOH/g]	35 - 40
Viscosity @ 20 °C, Physica, D = 5/s [Pa·s]	5 - 8

Storage

The resin should be stored in a cool, dry place and should not be exposed to direct sunlight. Typical storage temperatures should be between 15 - 30 °C. Do not store this product under an oxygen-free atmosphere, as the inhibitor requires oxygen to work.

Shelf Life

The product has a shelf life of at least 12 months from the date of manufacture.

Safety

When handling this product, please work according to the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Disclaimer

This product is currently in development phase. Samples are from lab or pilot production.