UHVO-221014 Aromatic Urethane Acrylate



Description

UHVO-221014 is a hexa-functional aromatic Urethane Acrylate for use in UV and EB curing applications.

Characteristics

- Organo-tin free
- High reactivity
- Low odour

Suggested Application

- O Printing Inks
- Coatings
- LED applications

Typical Properties

Acid value [mg KOH/g]	≤ 3
Appearance	clear liquid
Colour, Gardner	≤ 2
Double bond density [mol/kg]	8 - 10
Hydroxyl value [mg KOH/g]	50 - 70
Viscosity @ 25 °C, Physica, D = 5/s [Pa·s]	25 - 35

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.

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This Technical Data Sheet can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Because there are many factors under the control of the user which may affect processing or application/use, it is necessary for the user to carry out appropriate tests to determine whether the product is technically and safely suitable for the particular purpose, prior to use. No warranties of any kind, either expressed or implied, are made regarding the product here described. We assume no liability for correctness.