

Polyester Acrylate UHVO-17826

Description:

UHVO-17826 is a hexa-functional polyester acrylate, characterized by a very good pigment wetting, very high reactivity and therefore a fast curing response. It is a brownish liquid.

Application:

UHVO-17826 was especially designed for UV-flexographic narrow web applications. An ink formulated with this product reveals very good flow properties. At the same time the fast curing response and high functionality of the product make it very interesting for UV-LED applications.

Typical properties:

Property	Typical value
Appearance	Brownish liquid
Average functionality	6
Viscosity @ 20 °C; Physica, D=5/s [Pa·s]	8 – 12
Acid value [mg KOH/g]	0 – 3
Double bond density [mol DB/kg]	6.8 – 7.6

Storage:

Energy curing products should not be exposed to temperatures higher than 40 °C for prolonged period of time or to direct sunlight. Typical storage temperature should be between 15 – 30 °C.

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.

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.