

Polyether Acrylate UHVO-181050

Description:

UHVO-181050 is a low-viscosity tetra-functional polyether acrylate, characterized by a very high reactivity and therefore a fast cure response.

It is a light brownish clear liquid.

Application:

UHVO-181050 is especially designed for the use in energy curing overprint varnishes and inks for flexographic printing.

This material is particularly suitable for the use in food packaging applications.

Typical properties:

Property	Typical value
Appearance	Light brownish clear liquid
Average functionality	3 – 4
Viscosity @ 20 °C; Physica, D=5/s [Pa·s]	1 – 3
Acid value [mg KOH/g]	0 – 2
Hydroxyl value [mg KOH/g]	25 – 30
Double bond density [mol DB/kg]	6,5 – 7,0

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.