

UHVO-211010

Description:

UHVO-211010 is a tetra functional polyester acrylate characterized by good pigment wetting. The material is compatible with other binders, it can be blended for increasing reactivity of the final product. The product is also compatible with a wide range of reactive diluents.

UHVO-211010 is a brown viscous liquid and has very little odour.

Application:

UHVO-211010 is recommended for the use in radiation curing printing inks and coatings to be applied on paper, metal and plastic. Ink formulations containing the material have very good lithographic properties and show low misting.

Typical properties:

Property	Typical value
Appearance	brown clear liquid
Average functionality	4
Viscosity @ 20 °C; Physica, D=5/s [Pa·s]	180 – 235
Tack @ 150 rpm, 32 °C; Thwing Albert Inkometer	9 - 14
Acid value [mg KOH/g]	Max. 7

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.