

Energy Curing Process Colour Concentrates for printing on plastic films

HUVC-161952 (Yellow), HUVC-165752 (Magenta),
HUVC-161552 (Cyan)

Description:

HUVC-161952, HUVC-165752 and HUVC-161552 are ready to use concentrates characterized by a high gloss combined with intense and pure hues.

Application:

The concentrate series is especially developed for the production of energy curing inks for printing on plastic films.

The use of highly transparent and pure pigments enables to satisfy the specifications of ISO 2846-1 and/or ISO 12647-2, as well as a low tonal value spread between the process colours, supporting a neutral grey balance in the entire tonal range.

The use of this concentrate series is not recommended for low migration applications.

Typical properties:

Shade	Pigmentation [%]	Fineness of grind* [NPIRI]	Colour Strength vs. reference [%]
Yellow	approx. 19	4	95 - 105
Magenta	approx. 24	4	95 - 105
Cyan	approx. 33	4	95 - 105

*determined with 50% concentrate and 50% oligomer

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.