

Versamid® PUR 1120

General

an elastomeric polyurethane for use in flexible packaging inks for medium duty lamination applications

Key features & benefits

excellent flexibility
excellent NC-compatibility
aliphatic
TDI- and tin-free
heat-sealable in laminates

Chemical nature

an elastomeric polyurethane in a solvent blend of 2-propanol and n-propyl acetate

Properties

Appearance

transparent viscous liquid

Typical characteristics

(should not be interpreted as specifications)

non-volatile	42 %
Brookfield viscosity at 25 °C	550 mPa.s
density at 25 °C	0.89 g/cm ³
2-propanol	48 %
n-Propylacetate	10 %

Application

Versamid® PUR 1120 is a film-forming polyurethane and soluble in a variety of alcohols and esters for use in flexo and gravure lamination inks.

Versamid® PUR 1120 can be formulated into inks that provide excellent flexibility and adhesion to various polyolefin, polyester, nylon and polymer coated films. Inks formulated with Versamid® PUR 1120 give excellent bond strength in adhesive laminates and is therefore suitable in medium lamination applications.

Versamid® PUR 1120 is very suitable to be used in colored inks in combination with Versamid® PUR 1010 based white inks.

Versamid® PUR 1120 TDS EN (10-2019)

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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