

PU2018 Water-Based Functional Resin

Alcohol-waterborne polyurethane resin has good adhesion to films (PET, BOPP, PE, etc.) for printing and coating, and is suitable for water-based gravure composite inks, water-based film coating varnishes, and water-based paper varnishes.

Typical physical data The data in this data page is only typical values, not technical specifications of the product.

Product description :	Alcohol-water polyurethane resin
Solid (effective) content: (%)	33~35
Surface :	Semi-transparent liquid
Viscosity: (cps/25°C)	20~300

product features

- The films exhibit excellent adhesion after corona treatment, including PET, BOPP, and PE.
- It has good reconstitutive solubility
- The grinding process exhibits excellent color development properties.
- Water and rubbing resistant
- Good compatibility with acrylic emulsion

direction of application

- water-based intaglio ink
- Water-based paper primer
- Water-based film primer
- Digital quick-printing base solution
- water-based glue

Reference formula

PU2018 resin: 40%

AMP-95: 0.5%

dispersant: 1%

pigment: 13.5%

Powder: 1%

wax: 0.3%

defoaming agent: 0.2%

wetting agent: 0.5%

ethanol-water mixture (ethanol:water=3:1/1:1):43%

This information is provided as best we know. All statements above must be adjusted according to the actual situation of the processor due to the many different recipes, production and application conditions. We cannot guarantee individual cases, including patent rights. This data page version replaces all previous versions.

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