Environmentally Friendly Aqueous Varnish for Inline Coating
AQUAPAC Varnish M-6

- Environmentally Friendly Aqueous Varnish
  AQUAPAC is an environmentally friendly aqua varnish with acrylic resin emulsion as primary constituent. Not only does it observe NL Regulation of Japan Printing Ink Makers Association, but it also does not contain any PRTR regulated substances. VOC (Volatile Organic Compounds) contents are extremely low. Its rapid drying property allows for non-spray stacking. It helps reduce operator’s workload and improve working environment of the factory.

- Features
  AQUAPAC Varnish M Series enables high quality matte effects. This series can be used for catalogs and book covers, paper containers for food, medicine, and apparel. Inline coating by lithographic press is possible. Use water or water/alcohol (IPA, ethanol) solution in the ratio of 1/3-4 to dilute. (As alcohol causes varnish to flocculate, mix it with water before adding to varnish.). Matte effects, when too strong, can be adjusted by adding general purpose varnishes like F type.

- Properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>AQUAPAC Varnish M-6</th>
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</thead>
<tbody>
<tr>
<td>Main Constituent</td>
<td>Acrylic resin emulsion</td>
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<tr>
<td>Physical</td>
<td>Milky white liquid</td>
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<tr>
<td>Solidity</td>
<td>34±2%</td>
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<tr>
<td>Viscosity</td>
<td>40~45sec</td>
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<tr>
<td>pH</td>
<td>8.0±0.5</td>
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</tbody>
</table>

(Viscosity: Zahn cup # 4/25℃)

- Non-hazardous substance
- Designated flammable (inflammable liquid)
- Water soluble

(Note: Values on the outer side represent better quality.)

- Offers excellent matte effects
- Excellent heat resistance
- Excellent gloss
- Excellent drying property
- Gluing suitability

The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.

Owing to product improvement the information contained herein may be modified without any prior notice.

Make sure to read MSDS thoroughly before using the product.