

## UNIPOL H 550

Unipol H 550 is non-plasticized aqueous homo polymer polyvinyl acetate emulsion, 55% solids content, designed mainly for adhesives production.

|   | Unit              | Value         | Method   |
|---|-------------------|---------------|--|
| <b>Sales Specifications</b>             |                   |               |  |
| Solids content                          | %                 | 55 ± 2        | DIN 53189 / ISO 1625                               |
| Viscosity                               | mPa·s             | 3.000 ± 1.500 | ISO 2555, Brookfield RVT; spindle 4; 20 rpm; 23 °C |
| pH                                      |                   | 4.5 ± 0.5     | DIN 53785 / ISO 1148                               |
| <b>Typical values</b>                   |                   |               |  |
| Appearance of film <sup>1</sup>         |                   | Clear, tough  |  |
| Emulsifying system                      |                   | PVOH          |  |
| Particle size                           | µm                | 0.40-1.00     |  |
| Minimum film forming temperature (MFFT) | °C                | approx. 14    | DIN 53787 / ISO 2115                               |
| Density                                 | g/cm <sup>3</sup> | approx. 1.10  | ISO 8962   |

(1) Dried in standard conditioning atmosphere at 23 °C and 50 % relative humidity (DIN EN 23270)

### Applications

Paper Adhesives

Tube Winding Adhesives

Cardboard Adhesives

Textile Finishing

### Specific Information

Unipol H 550 is low viscosity and high solids emulsion especially suitable for the manufacture of paper and packaging adhesives where fast setting time is important. It is compatible with a variety of plasticizers, solvents, inorganic fillers and other modifiers. Unipol H 550 exhibits very good wet tack and high cohesive strength. It can also be used for roller, nozzle and line application adhesives.

### Storage

Unipol H 550 can be stored for at least 6 months between +5°C and +40°C.

### Packaging

Unipol H 550 is available in 1100 Kg IBC's and 130 kg drums.

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