

## UNIPOL H 120

Unipol H 120 is non plasticized, aqueous, homopolymer, polyvinyl acetate emulsion, 50% solids content, designed mainly for producing adhesives.

|   | Unit              | Value           | Method   |
|---|-------------------|-----------------|--|
| <b>Sales Specifications</b>             |                   |                 |  |
| Solids content                          | %                 | 50 ± 1          | DIN 53189 / ISO 1625                               |
| Viscosity                               | mPa·s             | 50.000 ± 10.000 | ISO 2555, Brookfield RVT; spindle 7; 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. 15      | DIN 53787 / ISO 2115                               |
| Density                                 | g/cm <sup>3</sup> | approx. 1.09    | ISO 8962   |

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

### Applications

|                        |                       |
|------------------------|-----------------------|
| Paper Adhesives        | Wood Adhesives        |
| Cardboard Adhesives    | Bookbinding Adhesives |
| Tube Winding Adhesives | Textile Finishing     |

### Specific Information

Unipol H 120 is a multi-purpose, shear stable emulsion, especially suitable for the manufacture of adhesives. It can also be used for the formulation of paper, packaging, cardboard, tube winding, bookbinding and wood adhesives. Unipol H 120 exhibits good wet tack and cohesive strength. It is compatible with a variety of plasticizers, solvents, inorganic fillers and other modifiers. It has very low residual monomer and it can be used in places where many machines are working simultaneously without smell issues.

### Storage

Unipol H 120 can be stored for at least 6 months between +5°C and +40°C.

### Packaging

Unipol H 120 is available in 1100 Kg IBC's and 130 kg drums.

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