

UNIPOL H 1205

Unipol H 1205 is non plasticized, high viscosity, aqueous homopolymer polyvinyl acetate emulsion, 50% solids content, designed mainly for the production of adhesives.

	Unit	Value	Method
Sales Specifications			
Solids content	%	50 ± 2	DIN 53189 / ISO 1625
Viscosity	mPa·s	100.000 ± 20.000	ISO 2555, Brookfield RVT; spindle 7; 20 rpm; 23 °C
pH		4.5 ± 0.5	DIN 53785 / ISO 1148
Typical values			
Appearance of film ¹		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 ³	approx. 1.09	ISO 8962

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

Applications

Wood Adhesives
Paper Adhesives
Cardboard Adhesives

Tube Winding Adhesives
Bookbinding Adhesives
Textile Finishing

Specific Information

Unipol H 1205 is a high viscosity emulsion especially suitable for the manufacture of paper, packaging, cardboard, tube winding, bookbinding and wood adhesives. It is compatible with a variety of plasticizers, solvents, fillers and other modifiers. Unipol H 1205 exhibits good wet tack and cohesive strength.

Storage

Unipol H 1205 can be stored for at least 6 months between +5°C and +40°C.

Packaging

Unipol H 1205 is available in 130 kg drums.

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