

UNIPOL H 155 P

Unipol H155 P is a very high viscosity plasticized aqueous homo polymer polyvinyl acetate emulsion, 50% solids content, designed for the mainly for the production of wood adhesives.

	Unit	Value	Method
Sales Specifications			
Solids content	%	50 ± 2	DIN 53189 / ISO 1625
Viscosity	mPa·s	120000 - 180000	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. 5	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	Parquet Glues
Paper Adhesives	Textile Finishing
Bookbinding Adhesives	

Specific Information

Unipol H 155 P is especially suitable for the manufacture of wood adhesives with high heat resistance. Unipol H 155 P can also be used to produce paper packaging adhesives and parquet glues for the construction industry. It is a fast setting with has very high viscosity and exhibits very good mechanical properties. It can be used as supplied or formulated using inorganic extenders.

Storage

Unipol H 155 P can be stored for at least 6 months between +5°C and +40°C.

Packaging

Unipol H 155 P is available in 130 kg drums.

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