

SiwoPUD®-U-100

Characteristics: It is an aqueous anionic polyurethane dispersion of a high molecular weight. It is a raw material for formulation of heat-activated adhesives.

Supplied as: 50% in water

Physical characteristics:	Appearance	Milky white
	Non-volatile constituent	50±1 %
	PH value	7.0 – 9.5
	Viscosity	≤1000mPa s
	Density(d ₄ ²⁰)	1.05
	NMP, NEP, DMAC etc.	Free
	Minimum film-forming temperature	5°C
	Minimum activation temperature	100-110°C
	Elongation	700-800%
	Tensile strength	22.5Mpa
	Elasticity modulus (100%)	3.6Mpa
	Yellowing resistance	non- yellowing

Storage: The dispersion should be stored in a frost-free place in tightly sealed containers. It contains no preservative.

Application: It is amorphous polymer. Heat activation temperature is high. Its film is soft and elastic. Suitable for the bonding of leather, textile, fabric substrate. Its properties can be increased by the addition of 2-5% by weight of a water-dispersible polyisocyanate (For example, our product EC-600).

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