

SiwoPUD-[®] U-1529

Characteristics: It is an aqueous anionic polyurethane dispersion based on polycarbonate . It is a raw material for formulation of heat-activated adhesives.

Supplied as: 45% in water

Physical characteristics:	Appearance	Translucence to milky white
	Non-volatile constituent	45±1 %
	PH value	7.5 – 9.5
	Viscosity	≤800 mPa s
	Density(d ₄ ²⁰)	1.05
	NMP, NEP, DMAC etc.	Free
	Minimum film-forming temperature	5°C
	Minimum activation temperature	90°C
	Elongation	550-650%
	Tensile strength	27.2Mpa
	Elasticity modulus (100%)	2.9Mpa
	Yellowing resistance	non- yellowing

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

Application: Higher heat activation temperature, fast film drying, fast crystallization, excellent adhesion, high bond strength and better heat resistance. Suitable for magnetic card manufacturing, bonding automotive interior, plastic and elastomer substrate bonding. 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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