

SiwoPUD-[®]U-5701

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	6.5 – 8.5
	Viscosity	≤ 300 mPa s
	Density(d ₄ ²⁰)	1.05
	NMP, NEP, DMAC etc.	Free
	Minimum film-forming temperature	5°C
	Minimum activation temperature	70-80°C
	Elongation	1270%
	Tensile strength	8.0Mpa
	100%Modulus	0.45Mpa
	Yellowing resistance	non- yellowing

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

Application: The film has excellent elasticity, high strength and heat-activated performance at a moderate temperature. Suitable for fabric coating, thermal transfer, plastic and elastomer substrate bonding, bonding automotive interior. 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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