

## SiwoPUD<sup>®</sup>-U-5702

**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

<b>Physical characteristics:</b>	Appearance	Milky white
	Non-volatile constituent	50±1 %
	PH value	6.5 – 8.5
	Viscosity	≤ 300 mPa s
	Density(d <sub>4</sub> <sup>20</sup> )	1.05
	NMP, NEP, DMAC etc.	Free
	Minimum film-forming temperature	5°C
	Minimum activation temperature	100-110°C
	Elongation	1350%
	Tensile strength	21.2 Mpa
	100%Modulus	1.6 Mpa
	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 high 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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