

## **SiwoPUD<sup>®</sup>-1107**

**Characteristics:** Nonionic, aqueous, aliphatic polyurethane dispersion based on polyester.

**Supplied as:** 30% in water

<b>Physical characteristics:</b>	Appearance	Translucence
	Non-volatile constituent	30±1 %
	Ionicity	Non-ionic
	PH value	6.0 - 7.5
	Viscosity	≤200 mPa s
	Mean particle size	≤100 nm
	Organic solvent	Free
	Glass transition temperature Tg	-25°C
	Elongation	500%
	Tensile strength	0.68Mpa
	100%Modulus	0.4Mpa
	Shear stability	good
	Yellowing resistance	non- yellowing

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

**Application:** Nonionic aqueous polyurethane dispersion of high molecular weight. Its film is soft and elastic. It has good compatibility with cationic and anionic aqueous polyurethane dispersions, acrylic emulsions, or other ionic aqueous resin. It does not contain Restricted Substances in EU.

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