

## SiwoPUD<sup>®</sup>-512H

**Characteristics:** Aqueous, aliphatic polyurethane dispersion based on polyether.

**Supplied as:** 35% in water

<b>Physical characteristics:</b>	Appearance	Translucence
	Non-volatile constituent	35 ±1 %
	PH value	8.0 ±0.5
	Viscosity	≤200 mPa s
	Mean particle size	≤100 nm
	Glass transition temperature Tg	-25°C
	Organic solvents	8%
	Shear stability	good
	Elongation	700-800%
	Tensile strength	35.9 Mpa
	100%Modulus	6.5 Mpa
	Dry/touch	≤30min
	Dry/through	≤60min
	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 exhibits excellent water resistance and and waterproofness, which can be widely used in paper coating, modified acrylic emulsion, fabric processing and printing coating, etc.

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