

SiwoPUD[®]-OH-1930

Characteristics: Aqueous, aliphatic hydroxyl-functional polyurethane dispersion based on polyester.

Supplied as: 40% in water

Physical characteristics:	Appearance	White translucence
	Non-volatile constituent	40±1 %
	OH content (solvent free)	1.5%
	PH value	7.5 - 9.5
	Viscosity	≤500 mPa s
	Mean particle size	≤200 nm
	NMP	5%
	Elongation	650-750% (No crosslinker added)
	Tensile strength	9.8Mpa (No crosslinker added)
	100%Modulus	1.4Mpa (No crosslinker added)
	Yellowing resistance	Non- yellowing
	Shear stability	Good

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

Application: Cost-effective products. It has a low content of hydroxyl group, medium hardness and good elasticity without crosslinker added. It can be used alone or mixed with water-based hydroxyl polyacrylic resin and water-based polyester etc. Water-dispersible polyisocyanate can be used for room temperature curing, or amino resin can be used for high temperature baking curing.

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