

## SiwoPUD<sup>®</sup>-1591

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

**Supplied as:** 36% in water

<b>Physical characteristics:</b>	Appearance	Translucence
	Non-volatile constituent	36±1 %
	PH value	7.5 - 9.5
	Viscosity	≤200mPa s
	Mean particle size	≤100 nm
	Minimum film-forming temperature	5°C
	Organic solvent	5%
	Shore A Hardness	91
	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:** Anionic polyurethane dispersion with high molecular weight. The film has high hardness, and excellent adhesion to metal, glass and other substrates. It has excellent water resistance, solvent resistance, chemical resistance, high weather resistance, and stain resistance. It can be used for metal, glass, wood coating and industrial coatings, etc.

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