

## SiwoPUD-<sup>®</sup> 2509

**Characteristics:** Cationic, aqueous aliphatic polyurethane dispersion based on polyether.

**Supplied as:** 30% in water

<b>Physical characteristics:</b>	Appearance	Translucence
	Non-volatile constituent	30±1 %
	Ionicity	Cationic
	PH value	3.0- 5.5
	Viscosity	≤200mPa · s
	Mean particle size	≤100 nm
	NMP, NEP, DMAC etc	Free
	Elongation	900-1000%
	Tensile strength	13.1Mpa
	Elasticity modulus (100% )	1.7Mpa
	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:** Cationic polyurethane dispersion with high acid value, strong cationic property and small particle size. Mainly used in fabric treatment and base coating for digital printing materials, etc. It doesn't contain organotin compounds, heavy metals, formaldehyde, etc.

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