

## **SiwoPUD-1219HB<sup>®</sup>**

**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	3.5- 5.5
	Viscosity	≤50 mPa s
	Mean particle size	≤100 nm
	Organic solvent	5%
	NMP, NEP, DMAC	Free
	Glass transition temperature Tg	-30℃
	Elongation	250-300%
	Tensile strength	6.7Mpa
	Elasticity modulus (100% )	4.2Mpa
	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 aqueous dispersion with high molecular weight. The coating film has medium hardness, excellent hydrolysis resistance and water resistance. Mainly used for metal surface treatment, fabric printing primer coat, and other coatings.

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