

SiwoPUD-1219F[®]

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

Supplied as: 30% in water

Physical characteristics:	Appearance	Translucence
	Non-volatile constituent	30±1 %
	Ionicity	Cationic
	PH value	3.5- 5.5
	Viscosity	≤200 mPa s
	Mean particle size	≤100 nm
	NMP, NEP, DMAC	Free
	Glass transition temperature Tg	-30°C
	Elongation	300-400%
	Tensile strength	18.8Mpa
	Elasticity modulus (100%)	6.5Mpa
	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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