

SiwoPUD[®]-919F

Characteristics: Aqueous, aliphatic polyurethane dispersion based on poly(ester+carbonate).

Supplied as: 35% in water

Physical characteristics:	Appearance	Translucence
	Non-volatile constituent	35±1 %
	PH value	7.0 - 9.5
	Viscosity	≤300mPa s
	Mean particle size	≤100 nm
	Minimum film-forming temperature	5°C
	NMP, NEP, DMAC	Free
	Elongation	290%
	Tensile strength	18.2Mpa
	100%Modulus	8.4Mpa
	Shear stability	good
	Gloss/60°	90.4
	Dry	Fast
	Yellowing resistance	non- yellowing

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

Application: Its coating film is hard. It exhibits high gloss, excellent water resistance, excellent abrasion resistance, and good NaOH and hydrolysis resistance. It can be used in printing, wood, rubber and plastics.

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