

SiwoPUD-809F[®]

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polyether.

Supplied as: 40% in water

Physical characteristics:	Appearance	Translucence
	Non-volatile constituent	40±1 %
	PH value	7.5 - 9.5
	Viscosity	≤800 mPa s
	Mean particle size	≤100 nm
	NMP, NEP, DMAC	Free
	Glass transition temperature Tg	-35℃
	Elongation	1350-1450%
	Tensile strength	43.1Mpa
	100%Modulus	1.4Mpa
	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: Its coating film exhibits more excellent softness and more excellent resilience than PUD-808F. Its coating film exhibits excellent alkali resistance, and excellent low temperature folding resistance. It is especially suitable for textile printing, synthetic leather base and printing etc.

It does not contain organotin compounds, heavy metals, formaldehyde, etc. It can be added nitrogen pyridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve the washing fastness.

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