

SiwoPUD-821F[®]

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polyether.

Supplied as: 33% in water

Physical characteristics:	Appearance	Translucence
	Non-volatile constituent	33 ±1 %
	PH value	7.0 - 9.5
	Viscosity	≤100 mPa s
	Mean particle size	≤100 nm
	NMP, NEP, DMAC (Co-Solvent)	Free
	Glass transition temperature Tg	-35°C
	Elongation	250-350%
	Tensile strength	14.2Mpa
	100%Modulus	6.1Mpa
	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: The film is medium hard and has excellent alkali and water resistance. It can be used for fabric and leather. Cost-effective.

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 physical properties.

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