

SiwoPUD[®]- 910F

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polyester.

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	50°C
	NMP, NEP, DMAC	Free
	Shore A Hardness	94
	Gloss (60°)	91-92 (Add 1%DPM and 2%DPnB)
	Shear stability	good
	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: Anionic polyurethane dispersion with high molecular weight. It dries quickly, and has high hardness, high gloss. It has excellent wear resistance and stickiness resistance. It is mainly used in wood coating, printing varnish, and the modification of acrylic emulsion etc.

It is recommended to add 1% dipropylene glycol monomethyl ether (DPM) and 2% dipropylene glycol monobutyl ether (DPnB) as film forming agent. The film can be formed at room temperature without heating.

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