

## **SiwoPUD<sup>®</sup>-912F**

**Characteristics:** Aqueous, aliphatic polyurethane dispersion based on polyester.

**Supplied as:** 35% in water

<b>Physical characteristics:</b>	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	96
	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:** The coating formed by it dries quickly, and has good alcohol resistance, high hardness, high gloss, and excellent abrasion resistance. It mainly be used in wood & furniture for 1K coatings with self-crosslinking traits at room temperature.

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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