

SiwoPUD[®]-1592

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

Supplied as: 36% in water

Physical characteristics:	Appearance	Translucence
	Non-volatile constituent	36±1 %
	PH value	7.0 - 9.5
	Viscosity	≤200mPa s
	Mean particle size	≤100 nm
	Minimum film-forming temperature	30°C
	Organic solvent	5%
	Shore A Hardness	95
	Dry/touch	≤30min
	Dry/through	≤60min
	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. The film has higher hardness than PUD-1591. It can be used for metal, glass, wood coating and industrial coatings, etc.

It is recommended to add dipropylene glycol monomethyl ether (DPM) and dipropylene glycol monobutyl ether (DPnB) as film forming agent.

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