

SiwoPUD® -917HB

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polycarbonate and silicone.

Supplied as: 35% in water

Physical characteristics:	Appearance	Translucence
	Non-volatile constituent	35±1 %
	PH value	7.0 - 9.5
	Viscosity	≤300 mPa·s
	Mean particle size	≤100 nm
	Organic solvent (DEF)	7%
	Glass transition temperature Tg	-25℃
	Elongation	400-500%
	Tensile strength	16.1 Mpa
	100%Modulus	3.0 Mpa
	Shear stability	good
	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: Its coating has medium hardness and excellent adhesion on metal substrates. It has excellent heat resistance, wear resistance and alkali resistance. It is mainly used in metal surface treatment and metal coatings, etc.

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