

SiwoPUD[®]- MATT -1903

Characteristics: Soft feel, inherent matte, aliphatic polyurethane dispersion based on polyether.

Supplied as: 32% in water

Physical characteristics:	Appearance	Milky white
	Non-volatile constituent	32 ±1 %
	PH value	7.0 - 9.5
	Viscosity	400-1500 mPa·s
	NMP, NEP, DMAC, etc.	Free
	Gloss at 60°	≤0.5
	Elongation	700-800%
	Tensile strength	33.4Mpa
	Elasticity modulus (100%)	2.8Mpa
	Yellowing resistance	Non- yellowing

Storage: The dispersion should be stored in a frost-free place in tightly sealed containers and 5-38°C temperature conditions.. It contains no preservative.

Application: It provides soft touch and very low gloss. Gloss levels down to approximately 0.5 at 60° can be achieved. It has excellent matting performance, and good hydrolysis resistance. It also, in combination with alkaline soluble resins, results in outstanding print performance with enhanced soft feel properties. It can be added aziridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve the chemical resistance. Recommend for paper, leather, textiles, and other coatings etc.

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