

SiwoPUD[®]-U-1210

Characteristics: It is an aqueous anionic polyurethane dispersion of a high molecular weight. It is a raw material for formulation of heat-activated adhesives.

Supplied as: 45% in water

Physical characteristics:	Appearance	Translucence to milky white
	Non-volatile constituent	45±1 %
	PH value	7.5 – 9.0
	Viscosity	≤500 mPa s
	Density(d ₄ ²⁰)	1.05
	NMP, or DMAC	5%
	Minimum film-forming temperature	5°C
	Minimum activation temperature	140°C
	Elongation	400-500%
	Tensile strength	34.2Mpa
	Elasticity modulus (100%)	5.4Mpa
	Yellowing resistance	non- yellowing

Storage: The dispersion should be stored in a frost-free place in tightly sealed containers. It contains no preservative.

Application: High heat activation temperature, fast film drying, excellent adhesion, high bond strength. Suitable for magnetic card manufacturing, plastic and elastomer substrate bonding. Its properties can be increased by the addition of 2-5% by weight of a water-dispersible polyisocyanate (For example, our product EC-600).

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication. Nothing herein is to be construed as a warranty, express or otherwise. In all cases, it is the responsibility of the users to determine the applicability of such information or suitability of any products for their own purposes. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such is free of patent infringement and are not recommendations to infringe on any patent.