

SiwoPUD-[®]SWC

Characteristics:	Aqueous, aliphatic polyurethane dispersion based on polycarbonate.	
Supplied as:	35% in water	
Physical characteristics:	Appearance	Translucence-white
	Non-volatile constituent	34-36%
	PH value	7.0 - 9.5
	Viscosity	≤1000mPa·s
	NMP, NEP, DMAC	Free
	Elongation	550-650%
	Tensile strength	48.1Mpa
	100%Modulus	6.8Mpa
	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:	<p>Its film has a medium hardness with excellent heat resistance and a melting temperature range of 220-230°C (without crosslinking). It has excellent water resistance, wear resistance, weather resistance and hydrolysis resistance. It can be used as a topcoat for a variety of applications, especially for scenarios with high weather resistance and high durability requirements.</p> <p>It does not contain organotin compounds, heavy metals, formaldehyde, etc. It can be added aziridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve its performance.</p>	

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