Answers for waterborne coatings & adhesives

思沃®化学
SiwoChem

SiwoPUD®-6992

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polycarbonate.

Supplied as: 32% in water

Physical characteristics:

Appearance	Translucence-white
Non-volatile constituent	31-33 %
PH value	7.0 - 9.5
Viscosity	≤200mPa·s
NMP, NEP, DMAC	Free
Elongation	550%
Tensile strength	32.2Mpa
100%Modulus	4.8Mpa
Dry	Fast
Shear stability	Good
Yellowing resistance	Non- yellowing

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

Application: The coating film has medium hardness and excellent heat resistance, water resistance, solvent resistance, abrasion resistance, weather resistance, and hydrolysis resistance. It can be used as a topcoat in a wide range of applications, especially where high weather resistance and long-term durability are required.

It does not contain Restricted Substances and Declarable Substances in EU such as organotin compounds, heavy metals, formaldehyde, etc. It can be added aziridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve its performance.

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