Answers for waterborne coatings & adhesives

思沃®化学
SiwoChem

SiwoPUD®-6993

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	1000-1100%
Tensile strength	19.1Mpa
100%Modulus	1.1Mpa
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 is clear and has a soft feel. It provides excellent adhesion to leather and excellent dry- and wet- rub resistance, as well as outstanding flex resistance and low-temperature resistance.

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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Shanghai Sisheng Polymer Materials Co., Ltd. Address: No.155 Ping Ye Road, Caojing Town, Jinshan District, Shanghai 201507, P R China.
Contact: Brian Wei Tel +1 859-333-9856, Na Da Tel +86 15166916376, www.siwo-us.com.