Answers for waterborne coatings & adhesives

思沃®化学
SiwoChem

SiwoPUD®-6991

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
Glass transition temperature Tg	-25℃
Elongation	790%
Tensile strength	46.8Mpa
100%Modulus	3.9Mpa
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: Compared with PUD-6992, this product has lower heat resistance and slightly higher surface energy. It offers excellent water resistance, abrasion resistance, weather resistance, and hydrolysis resistance. After the addition of aziridine crosslinking agent, it also provides excellent alcohol-rub resistance. It can be used as a topcoat in a wide range of applications.

It does not contain Restricted Substances and Declarable Substances in EU such as organotin compounds, heavy metals, formaldehyde, etc.

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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.