Answers for waterborne coatings & adhesives

思沃®化学
SiwoChem

SiwoPUD®-6991S

Characteristics: Small-particle-size waterborne 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: The dispersion has a small particle size. Compared with PUD- 6992S, it has lower heat resistance and slightly higher surface energy. It exhibits excellent water resistance, abrasion resistance, weather resistance, and hydrolysis resistance. It is recommended for digital printing ink applications .

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