Answers for waterborne coatings & adhesives

思沃®化学
SiwoChem

SiwoPUD®-3060

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polycarbonate.

Supplied as: 60% in water

Physical characteristics:

Appearance	Milk white
Non-volatile constituent	58-61 %
PH value	6.0 - 9.0
Viscosity	≤2000mPa • s
NMP, NEP, DMAC	Free
Elongation	780%
Tensile strength	31.8Mpa
100%Modulus	1.94Mpa
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: High solid polyurethane dispersion. The product has excellent UV resistance, weather resistance, water resistance, and abrasion resistance. Its coating film exhibits good elasticity, high elongation, and high tensile strength. It is suitable for elastic coating applications.

It does not contain organotin compounds, heavy metals, formaldehyde, etc. It can be added nitrogen pyridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve its performance.

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