Answers for waterborne coatings & adhesives

思沃®化学
SiwoChem

SiwoPUD®-6805

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polyether.

Supplied as: 33% in water

Physical characteristics:

Appearance	Translucence-white
Non-volatile constituent	33±1%
PH value	7.0 - 9.5
Viscosity	≤500mPa・s
NMP, NEP, DMAC	Free
Elongation	1100%
Tensile strength	47.4Mpa
100%Modulus	2.2Mpa
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 soft, with excellent resilience and excellent alkali resistance and water resistance. It has good low-temperature flex resistance and high peel strength. It can be used for fabric printing coatings, leather, etc. When cracking occurs in thick coatings, about 5-10% DPM (dipropylene glycol monomethyl ether) can be added to help film formation. It does not contain organotin compounds, heavy metals, formaldehyde, etc., and has excellent environmental performance. Products stored for more than 12 months may be used after testing.

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