



Eco-Friendly

WATER BASED PU

Non-Toxic

SINOGRACE

The Chemical Company

Adhesive/Binder

PU-802 Water based polyurethane paper and plastic adhesive

DESCRIPTION

Water based polyurethane is designed for paper and plastic adhesive. It is non-toxic with excellent adhesive force with PE/PP/OPP. It can be used for food packing and medical packing adhesive.

TYPE

Aliphatic polyurethane dispersion (PE/PU)

KEY

- Non-toxic
- Water resistant and heat resistant

FEATURES

- Excellent adhesive force and high tensile strength
- Excellent adhesive force between paper with PE/PP/OPP

TYPICAL

Appearance Milky white liquid

pH 7.0-8.5

Solid content 40±1%

Charge Anionic

PROPERTIES

Viscosity (25°C) 100-450cP

Tensile strength (MPa) >15

100% Modulus (MPa) >2.0

Elongation (%) >600

APPLICATION

- Food packaging adhesive
- Medical package adhesive
- PE/PP/OPP binder

STORAGE

- Available in 200 kg/ barrel or 25 kg/ barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 9 months from delivery date
- According to non-dangerous goods transport

AND

HANDLING

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