



Eco-Friendly

WATER BASED PU

Non-Toxic

SINOGRACE

The Chemical Company

WPU-1003 Water-based PU dispersion for gloves

DESCRIPTION

WPU-1003 is a non-toxic, ECO friendly, solvent-resistant, abrasion-resistant, flexible and thermally stable resin, special used in the manufacture of polyurethane medical gloves.

TYPE

Water based polyurethane dispersion

KEY

FEATURES

- Non-toxic, eco friendly
- As thin as 0.1 mm, real touch, responsive, use of the device can effectively reduce the chance of mistakes
- Strong flexibility and high density, puncture resistance is twice that of latex gloves, professional test results reach 5.8N
- It is very safe and has no odor. Even if allergy to latex protein is worn, it will not be allergic. It can be naturally adhered to the human body, soft and skin-friendly, easy for medical personnel to wear, and not easy to slip.

TYPICAL

Appearance**Milky white blue liquid****PH**

7.5-8.5

Solid content (%)

30±1%

PROPERTIES

Viscosity (25°C, mPa s)

50-70

Water boiling(100°C,1h)

no change

APPLICATION

- Medical gloves etc.
- Latex gloves coating

STORAGE

AND

HANDLING

- Available in 200 kg/ barrel or 1000kg/barrel (IBC)
- Store products in tightly closed original containers at 5-35°C
- Shelf life: 9-12 months from delivery date
- According to non-dangerous goods transport

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