*Answers for waterborne coatings & adhesives*

思沃®化学
SiwoChem

# SiwoPUD® 2509

**Characteristics:** Cationic, aqueous aliphatic polyurethane dispersion based on polyether.

**Supplied as:** 30% in water

**Physical characteristics:**

| | |
|---|---|
| Appearance | Translucence |
| Non-volatile constituent | 30±1 % |
| Ionicity | Cationic |
| PH value | 3.5- 5.5 |
| Viscosity | ≤200mPa • s |
| Mean particle size | ≤100 nm |
| NMP, NEP, DMAC etc | Free |
| Elongation | 900-1000% |
| Tensile strength | 13.1Mpa |
| Elasticity modulus (100% ) | 1.7Mpa |
| 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:** It has a high acid value and strong cationic character. It is mainly used for textile treatment and as a primer for digital printing materials, etc.

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