

PT-420 Technical Data Sheet

1. Description and key performance properties

PT-420 is a typical Gemini nonionic surfactant, which has excellent wetting and defoaming properties, and can effectively reduce the surface tension of water-based systems, especially the dynamic surface tension. It is widely used in water-based coatings, water-based adhesives, water-based inks and other industries.

2. Product Data Sheet

Technical indicators	Typical data
Appearance(25℃)	Light yellow transparent liquid
PH (1% aqueous solution)	5-7
Static surface tension (0.1%,mN/m)	1b/s:30.0-32.0 6b/s:31.0-33.0
Active substance content	≥99%

3. Application characteristics

- 1) Effective wetting
- 2) Effectively reduce surface tension
- 3) Prevent shrinkage

4. Application field

Photovoltaic cutting, waterborne coatings, adhesives, inks, etc.