

Technical Data Sheet

Wax Emulsion TL-50501C

■ Product Characteristics

This cationic paraffin emulsion is suitable for cationic coating. It has the hydrophobic effect of lotus leaf; can improve the anti-adhesion of coating; increases the slipperiness and scrub resistance of the surface; has a special hand feel.

■ Application

Application	Function
Print ink/varnish	Hydrophobic, block resistance, protection
Leather	Hand feel, block resistance
Textile	Hydrophobic treatment, scrub resistance
Special paper	Hydrophobic, block resistance
Release agent	Barrier, mold release

■ Typical Physicochemical Data

Appearance	White liquid
Wax Type	Paraffin wax
Emulsion System	Cation
Melting Point (°C)	58
Solids (%)	29.0-31.0
Mean Particle Size (μm)	D50 ≤0.5
pH	4.0-6.0

■ Storage and transportation

The product is sensitive to temperature and needs to be stored and transported between 5°C-35°C. It should be filtered before use. It is recommended to place it in a closed and cool place and pay attention to anti-freezing.

■ Adding method and processing instruction

It is recommended that wax additives be added at the last stage of the water-based coating processing, added slowly, and stirred while adding.