

# Technical Data Sheet

## Wax Emulsion TL-801A-1

### Product Characteristics

This high gloss polypropylene wax emulsion has high melting point, good slip resistance property, can improve the slip resistance of floor paint, and has the effect of free shoeprint, can provide barrier and lubrication for industrial die casting mold release.

### Application

Application	Function
Coating/Print ink/Varnish	Slip, scratch, and block resistance
Metal die casting	Mold release, lubrication
Leather	Dry hand feel
Gloves	Mold release, abrasion resistance, lubrication, anti-caking, improved wearability
Glass fiber sizing agent	Improve the physical properties of polypropylene composites



### Typical Physicochemical Data

Appearance	Translucent liquid 半透明液体
Wax Type	Modified polypropylene wax
Emulsion System	Nonionic/anionic
Melting Point (°C)	160
Solids (%)	34.0-36.0
Mean Particle Size (μm)	D50 ≤0.1
pH	6.6-8.6

### Storage and transportation

The product is sensitive to temperature and needs to be stored and transported between 5°C -35°C. It should be stirred evenly 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.

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