

## Technical Data Sheet

### Wax Emulsion TL-2011N-1

#### ■ Product Characteristics

This product is an ideal surface protector for waterborne varnishes, and it can resist abrasion, scratch, block, and increase slipperiness and gloss.

#### ■ Application

Application	Function
Coating/Print ink/Varnish	Abrasion and scratch resistance
Leather	Dry and slip hand feel, scratch resistance
Floor wax/Curing agent/Polish	Improved hardness, polishing properties, surface protection, and long-lasting luster
Paper industry	Block resistance, barrier
Textile	Lubrication, tear resistance
Seed coating agent	Improved flow, wettability, surface protection
Die casting mold release agent	Barrier, block resistance, lubrication

#### ■ Typical Physicochemical Data

Appearance	Translucent liquid
Wax Type	HDPE
Emulsion System	Nonionic/anionic
Melting Point (°C)	137
Solids (%)	34.0-36.0
Mean Particle Size ( $\mu\text{m}$ )	D50 $\leq 0.1$
PH	7.5-9.5

#### ■ 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.

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