

Technical Data Sheet

Wax Emulsion TL-20140

■ Product Characteristics

TL-20140 is a high density polyethylene wax emulsion, specially developed for waterborne coatings with high gloss system, which can significantly improve the wear resistance, smoothness and anti-adhesion properties of the coating. The performance is comparable to that of the ME91240.

■ Application

Application	Function
Print ink/varnish	Abrasion and scratch resistance
Leather / shoes	Barrier, scratch resistance
Water-based wood paint	
Water-based plastic paint	Slip-enhancing, block resistance,
Water-based coating	scratch resistance
Printing Paste	Lubrication, tear resistance

■ Typical Physicochemical Data

Appearance	White liquid
Wax Type	HDPE
Emulsion System	Nonionic
Melting Point (°C)	125
Solids (%)	39.0-41.0
Mean Particle Size (μm)	D50 0.2-0.4
pH	7.0-9.0

■ 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.

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