

Technical Data Sheet

Wax Emulsion TL-2011E40

Product Characteristics

This product is an ideal surface protector for waterborne varnishes, and it can resist abrasion, scratch, block, and increase slipperiness and gloss. The product combination stability of the product is good, good tolerance to acid, solvent, monomer and so on

Application

Application	Function
Coating/Print ink/Varnish 涂层/打印墨水/光油	Abrasion and scratch resistance 耐磨性和抗划伤性
Leather 皮革	Dry and slip hand feel, scratch resistance 手感干爽, 防滑, 耐刮擦
Floor wax/Curing agent/Polish 地板蜡/固化剂/抛光剂	Improved hardness, polishing properties, surface protection, and long-lasting luster 提高硬度, 抛光性能, 表面防护/持久的光泽
Paper industry 造纸业	Block resistance, barrier 阻塞阻力, 阻隔
Textile 纺织	Lubrication, tear resistance 润滑、抗撕裂
Seed coating agent 种子包衣	Improved flow, wettability, surface protection 改善流动性, 润湿性, 表面保护
Die casting mold release agent 压铸脱模剂	Barrier, block resistance, lubrication 隔离、抗粘连、润滑
Adhesive 胶粘剂	Improve temperature resistance and feel 提高耐温性和手感

Typical Physicochemical Data

Appearance	Translucent liquid
Wax Type	HDPE
Emulsion System	Nonionic/anionic
Melting Point (°C)	137
Solids (%)	39.0-40.0
Mean Particle Size (μm)	D50 ≤0.1
PH	6.7-8.7

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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