

Technical Data Sheet

Wax Emulsion TL-505A30

Product Characteristics

The high gloss paraffin/polyethylene wax emulsion with good lotus leaf hydrophobic effect improves the block resistance of the coating without affecting the transparency and gloss of the coating, is suitable for use in high gloss coatings, and increases the surface slip and scrub resistance, and has the special hand feeling.

具有良好的荷叶疏水效果的高光石蜡/聚乙烯蜡乳液,在不影响涂料透明度和光泽度的情况下,提高了涂料的抗堵性,适用于高光涂料,并增加了表面的防滑性和耐擦洗性,具有特殊的手感。

Application

Application	Function
Print ink/Varnish 印刷油墨/清漆	Hydrophobicity, block resistance 疏水性, 耐遮挡
Leather, polish 皮革, 抛光,	Brightening, hand feel, block resistance 光亮, 手感好, 耐堵塞
Water-based architectural paint 水性建筑漆	Lotus leaf effect, scrub resistance 荷叶效果, 耐擦洗
Textile 织物	Hydrophobicity, block resistance 疏水性、抗堵塞性
Water-based wood paint, Water-based industrial paint 水性木器漆;水性工业漆	Block resistance, hand feel, water repellent 耐堵, 手感好, 防水



Typical Physicochemical Data

Appearance	Translucent liquid
Wax Type	Paraffin/polyethylene wax
Emulsion System	Anion
Melting Point (°C)	75-80
Solids (%)	29.0-31.0
Mean Particle Size (μm)	D50 ≤0.2
pH	8.7-10.7

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.

The facts stated and the recommendations contained herein are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application for our products nor anticipate every variation encountered in manufacturing equipment and methods. The products discussed are sold without warranty, express or implied and Seller disclaims any warranty of merchant ability or fitness for a particular purpose in connection with the purchase of its products. It is recommended that purchasers conduct their own tests to determine the suitability of such products for their particular purpose. Seller shall not be liable for any injury, loss or damage, direct or consequential arising out of the use of or the inability to use the product. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent and our products are sold without warranty of non-infringement.