

Technical Data Sheet

Wax Emulsion TL-2011C25

■ Product Characteristics

This cationic HDPE wax emulsion has strong stability when compounded with cationic resin, and has good anti-abrasion, anti-scratch, anti-block, increased slipperiness, gloss, and good dilution stability.

■ Application

Application	Function
Coating/Print ink/Varnish	Abrasion and scratch resistance
Leather	Dry and slip hand feel, scratch resistance
Curing agent/Polish	Improved polishability, surface protection, long-lasting luster
Paper industry	Block resistance, barrier
Textile	Lubrication, tear resistance

■ Technical indices

Appearance	Translucent liquid	Emulsification system	Nonionic/Cationic
Solid content (%)	25±1%	PH	3.5-5.5
Mean particle size (μm)	≤0.1	Solid melting point (C°)	137°C
Chemical Composition	HDPE		

■ 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.