



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Item	Details
Product Name	Paraffin Wax
Product Number	PW-20260220
Batch Number	PW-SH2026022001
Brand	SIGALD
CAS Number	8002-74-2
MDL Number	MFCD00134039
Formula	$C_n H_{2n+2}$ (n=20-40, Alkane Mixture)
Molecular Weight	282.5-565.1 g/mol (variable)
Quality Release Date	20 FEB 2026

Test Results

Test	Specification (Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Solid flake/pellet	Solid flake	-	Visual Inspection
Melting Point (Drop)	58.0-62.0°C	60.5°C	°C	Melting Point Tester
Oil Content	≤ 0.5%	0.2%	%	Extraction Gravimetric Method
Penetration (25°C, 100g)	18-25 dmm	21 dmm	dmm	Penetrometer Method
Ash Content	≤ 0.05%	0.01%	%	Ignition Gravimetric Method
Moisture Content	≤ 0.1%	0.03%	%	Karl Fischer Titration
Color (Saybolt)	≥ +20	+25	-	Saybolt Colorimeter
Sulfur Content	≤ 50 ppm	12 ppm	ppm	X-ray Fluorescence Spectrometry
Needle Coke Content	Negative	Negative	-	Microscopic Inspection
Solubility in Ethanol	Insoluble	Insoluble	-	Visual Inspection

Certification

This batch of Paraffin Wax has been tested in accordance with the established industrial standards and meets all specified requirements for physical properties and impurity limits. It is qualified for use in rubber & plastic processing, candle production, coating additives and papermaking applications.

Issue Date: 20 FEB 2026