

TECHNICAL DATA SHEET

Fischer-Tropsch Wax ANW-4802

Neutral draft for commercial and technical evaluation

Product code	ANW-4802	Chemical family	Synthetic paraffin wax / Fischer-Tropsch wax
CAS / EC No.	8002-74-2 / 232-315-6	Product form	Pellet / solid

Product description

ANW-4802 is a lower-congealing Fischer-Tropsch wax supplied in pellet or solid form. It is intended for specialty wax formulations that benefit from a softer profile, controlled penetration, and low odor.

Typical reference end uses include low-temperature casting waxes, wax therapy treatment, pharmaceutical coating wax, cosmetics wax, rubber protective waxes, and chewing gum base.

Typical technical data

Note: Values above are commercial reference data for grade description. Final released batch values should be confirmed by the lot-specific Certificate of Analysis (COA).

Property	Unit	Test method	Reference value
Congealing point	°C	ASTM D938 / GB/T 28724-2023	45-49
Penetration (100 g, 25°C, 1/10 mm)	1/10 mm	ASTM D1321 / GB/T 4985-2021	≤48
Odor	-	ASTM D1833 / SH/T 0414-2004	≤1
Oil content	wt%	ASTM D721 / GB/T 3554-2008	≤3
Color, Saybolt	-	ASTM D156 / GB/T 3555-2022	≥27
Kinematic viscosity at 100°C	mm ² /s	ASTM D445 / GB/T 265-88	Report on COA

Physical form	-	Visual	Pellet / solid
Standard packing	-	-	25 kg bag; 22 kg box

<p>Key product features</p> <ul style="list-style-type: none"> • Lower congealing point grade for softer specialty wax systems • Relatively higher penetration for pliable casting and coating performance • Low odor profile with controlled oil content • Supplied in pellet or solid form for flexible storage and handling 	<p>Typical applications</p> <ul style="list-style-type: none"> • Low-temperature casting waxes • Wax therapy treatment • Pharmaceutical coating wax • Cosmetics wax • Rubber protective waxes • Chewing gum base
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Storage and handling guidance

- Store in a clean, dry, well-ventilated area away from direct heat, ignition sources, and strong oxidizing agents.
- Keep containers or bags closed when not in use to avoid contamination.
- If handled in molten form, avoid unnecessary overheating. For safe melting, personal protection, first-aid, and emergency measures, review the latest Safety Data Sheet (SDS).

Commercial / compliance note

- This document is a Technical Data Sheet and does not replace the Safety Data Sheet (SDS).
- Typical applications stated in this sheet are reference uses only and do not constitute a representation of regulatory approval or suitability in the customer's specific formulation, process, or jurisdiction.
- For EU, UK, or other regulated markets, product classification, label language, SDS supply, and registration or importer coverage must be confirmed for the actual legal entity and destination market before shipment.
- For personal care, pharmaceutical, food-contact, chewing-gum, or other regulated end uses, separate grade-specific compliance review and supporting documentation are required before commercial supply.

Disclaimer: The information in this sheet is intended to describe typical technical characteristics for product evaluation and commercial discussion. It should not be treated as a binding warranty or a substitute for customer qualification testing, SDS review, or contractual specification unless expressly agreed in writing.