

TECHNICAL DATA SHEET

Fischer-Tropsch Wax ANW-C70

Neutral draft for commercial and technical evaluation

Product code	ANW-C70	Chemical family	Synthetic paraffin wax / Fischer-Tropsch wax
CAS / EC No.	8002-74-2 / 232-315-6	Product form	Pellet

Product description

ANW-C70 is a high-congealing Fischer-Tropsch wax supplied in pellet form. It is intended for industrial additive applications requiring a harder wax profile, low oil content, and low penetration. Typical reference end uses include cosmetic and personal care bases, ink and coating systems, PVC, filler masterbatch, color masterbatch, and rubber wax applications.

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	68-72
Penetration (100 g, 25°C, 1/10 mm)	1/10 mm	ASTM D1321 / GB/T 4985-2021	7-9
Odor	-	ASTM D1833 / SH/T 0414-2023	≤1
Oil content	wt%	ASTM D721 / GB/T 3554-2008	≤0.5
Color, Saybolt	-	ASTM D156 / GB/T 3555-2022	≥27
Kinematic viscosity at 100°C	mm ² /s	ASTM D445 / GB/T 265-2004	Report on COA
Physical form	-	Visual	Pellet

Standard packing	-	-	25 kg bag

<p>Key product features</p> <ul style="list-style-type: none"> • High congealing point pellet grade with hard wax behavior • Low penetration and low oil content for performance additive use • Suitable for industrial coating, polymer, and rubber-modifying systems • Pellet form for easier storage, metering, and blending 	<p>Typical applications</p> <ul style="list-style-type: none"> • Cosmetic and personal care • Ink / coating • PVC • Filler masterbatch • Color masterbatch • Rubber wax
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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).

<p>Commercial / compliance note</p> <ul style="list-style-type: none"> • 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.