

TECHNICAL DATA SHEET

Fischer-Tropsch Wax ANW-W110

Neutral draft for commercial and technical evaluation

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| Product code | ANW-W110 | Chemical family | Synthetic paraffin wax / Fischer-Tropsch wax |
| CAS / EC No. | 8002-74-2 / 232-315-6 | Product form | Microbead (typical) |

Product description

ANW-W110 is an extra-high melting Fischer-Tropsch wax grade intended for industrial applications requiring very high hardness, very low oil content, and good dry handling characteristics. Typical reference end uses include casting wax, ink and coating systems, PVC, filler masterbatch, and color masterbatch. The delivery form and packing shown below are typical commercial references and should be confirmed at order stage.

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 |
|---|--------------------|-------------------------------|---------------------|
| Drop melting point | °C | ASTM D127-08 / GB/T 8026-2023 | >110 |
| Congealing point | °C | ASTM D938 / GB/T 28724-2022 | >99 |
| Penetration (100 g, 25°C, 1/10 mm) | 1/10 mm | ASTM D1321 / GB/T 4985-2021 | <1 |
| Oil content | wt% | ASTM D721 / GB/T 3554-2008 | <0.3 |
| Kinematic viscosity at 100°C | mm ² /s | ASTM D445 / GB/T 265-88 | Report on COA |
| Physical form | - | Visual | Microbead (typical) |

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|-------------------------|---|---|----------------------------|
| Standard packing | - | - | 25 kg bag (typical) |
|-------------------------|---|---|----------------------------|

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| <p>Key product features</p> <ul style="list-style-type: none"> • Extra-high melting grade for applications requiring very hard wax behavior • Very low penetration and very low oil content profile • Suitable for high-temperature casting, coating, and polymer-additive work • Delivery form and packing should be confirmed for the specific order | <p>Typical applications</p> <ul style="list-style-type: none"> • Casting wax • Ink / coating • PVC • Filler masterbatch • Color masterbatch |
|---|---|

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.