



TitanWax[®]

CANDLE BLENDS

FORMULATING FOR PERFORMANCE

Calumet focuses on collaboration. We provide superior wax solutions with consistent performance through blending and processing of a variety of waxes. Creating and delivering value through customer-centric products and services, Calumet is the right choice for exceptional wax solutions:

- Expertise across the spectrum of critical manufacturing considerations, including base wax selection (paraffin/natural/paraffin-natural blend), candle system optimization (burn performance/aesthetics/fragrance throw), and technical problem solving.
- Customized formulations in large and small batch multi-component blends.
- Precision blending, packaging and delivery options.
 - State-of-the-art blending tanks and slabbing equipment.
 - Multiple locations for convenient and cost-effective reach to new and existing markets.
 - Simplified logistics with direct access to truck and rail service as well as warehousing capabilities.



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CANDLE BLENDS

Calumet offers a full portfolio of exceptional paraffin and paraffin/natural blends for use in a variety of candle applications and multi-component blends. Specializing in niche-product blending, Calumet consistently exceeds customer-specific requirements, and we have a proven track record of success. Customized blends available upon request, subject to minimum-order quantities.

If you want to learn more about our wax portfolio, please contact your local Calumet sales professional or our Technical Support team to learn how we can partner together to turn your ideas into reality!

PRODUCT SPECIFICATIONS

| PRODUCT NAME | FORM | | | SPECIFICATIONS | | | CANDLE USE INFORMATION | | | | |
|----------------------------|--------------|------|----------|-----------------------------|-----------------------------|-----------------------------------|------------------------|---------|-------------|---------|-----------------|
| | Liquid, Bulk | Slab | Pastille | Melt Point °C ASTM D3954 | Melt Point °F ASTM D3954 | Penetration @ 77 °F ASTM D1321 | Container | Votives | Melts/Tarts | Pillars | Blend Component |
| TitanWax ParaNatural 5383 | X | X | | 52 | 125 | 78 | X | | | | |
| TitanWax ParaNatural 5390 | X | X | | 52 | 125 | 78 | X | | | | |
| TitanWax ParaNatural 5474 | X | X | | 51 | 124 | 76 | X | | | | |
| TitanWax ParaNatural 5692 | X | X | | 57 | 134 | 84 | X | | | | |
| TitanWax ParaNatural 5170 | X | X | | 51 | 124 | 64 | X | | | | |
| TitanWax ParaNatural 51104 | X | X | | 49 | 120 | 105 | X | | | | |
| TitanWax ParaNatural 57115 | X | X | | 56 | 133 | 102 | X | | | | |
| TitanWax ParaBlend 5342 | X | X | | 52 | 126 | 42 | | | X | | |
| TitanWax ParaBlend 5717 | X | X | | 57 | 135 | 13 | | | | | X |
| TitanWax ParaBlend 5724 | X | X | | 57 | 135 | 23 | | | X | | X |
| TitanWax ParaBlend 5875 | X | X | | 58 | 136 | 75 | X | | | | X |
| TitanWax ParaBlend 6014 | X | X | | 61 | 141 | 13 | | | | | X |
| TitanWax ParaBlend 6313 | X | X | | 63 | 145 | 13 | | X | X | X | |
| TitanWax ParaBlend 6111 | X | X | | 63 | 145 | 13 | | X | X | X | |
| TitanWax ParaBlend 62105 | X | X | | 54 | 130 | 134 | X | | | | X |
| TitanWax Natural 5230 | X | X | | 53 | 127 | 41 | X | | X | | |
| TitanWax Natural 5332 | X | X | | 53 | 128 | 35 | X | | X | | |
| TitanWax Natural 5435 | X | X | X | 56 | 132 | 20 | | | | | X |
| TitanWax Natural 5465 | X | X | | 53 | 126 | 53 | X | | | | |
| TitanWax Natural 5470 | X | X | | 52 | 125 | 60 | X | | | | |
| TitanWax Natural 5968 | X | X | | 59 | 139 | 68 | X | | | | X |

*Penetration @ 77 °F ASTM D937 (Cone)

- TitanWax Natural blends are made with a variety of natural ingredients and have zero paraffin content.
- TitanWax ParaNatural blends are combinations of paraffin and natural ingredients.
- TitanWax ParaBlend products are paraffin-only blends.
- TitanWax candle blends are formulated for excellent glass adhesion, cold and hot throw, and for high performance in a variety of manufacturing conditions.

TECHNICAL SUPPORT

Formulation development and trial run support:

- Custom blends
- Match and improve existing blends
- Analytical testing
- Operational optimization
- Performance testing & troubleshooting

Process manufacturing support:

- On-site labs
- Adherence to ASTM testing standards
- Lab to pilot to production scale-up

Calumet's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. Typical values only represent the values one would expect if the property were tested in our laboratories with our test methods on the specified date. Some product properties are not frequently measured, and accordingly typical values are not based on a statistically relevant number of tests. The information in this document relates only to the named product. The user is solely responsible for all determination regarding any use and any process.

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CORPORATE HEADQUARTERS

2780 Waterfront Pkwy, E. Drive • Indianapolis, IN 46214
Calumet.com • (800) 437-3188 • (317) 328-5660

CUSTOMER SUPPORT

customerservice@calumet.com

PRODUCT SUPPORT

technical@calumet.com

SALES INQUIRIES

sales@calumet.com