

## **WAXES**

# FORMULATING FOR PERFORMANCE

### **BUILT ON TRANSPARENT PARTNERSHIPS & EXPERTISE**

- Customized formulations across multiple industries with consistency in the performance of large and small batch multi-component blends
- Start to Finish: Vertical integration from production at the refinery to blending and packaging for unique application requirements
- Extensive experience in the production and processing of paraffin/soy candle formulations

Our refined waxes have application in most areas of wax consumption:

- Adhesives
- Building Materials
- Corrugated
- Crayons
- Candles & Wax Melts
- Emulsifiable Waxes

- Flexible Packaging
- Food
- Investment Casting
- Paints & Coatings
- Personal Care & Cosmetics
- Printing Inks

- PVC & Plastics
- Rust Inhibitors/Undercoatings
- Tire & Rubber
- Specialty Products





**■** (317) 328-5660 **■** (800) 437-3188

■ calumetspecialty.com



Calumet provides waxes via bulk liquid form in tank car, tank truck, and iso-containers as well as solid form in pastilles or slabs ranging in volume from one pallet to full truck loads.

#### **PRODUCT SPECIFICATIONS**

## **WAXES**

5717         57         135         <0.5         10         28         YES           6014         60         143         <0.5         14         28         YES           6312         63         146         <0.5         11         28         YES           6513         65         150         <0.5         19         28         YES           6820         68         156         <0.75         13         28         YES           FORMULATED PARAFFIN/MICRO CANDLE BLENDS           CW-5350         53         127         18         67         24         NO           CW-5790         57         135         22         89         24         NO           CW-6210         62         144         <0.5         12         26         YES           CW-6210         62         144         <0.5         9         28         NO           MULTI-COMPONENT PARAFFIN/VEGETABLE BLEND           CW-5170S         51         124         25         70         7         NO           CW-5961         59         138         11         51         7         NO <th>FULLY REFINED PARAFFIN</th> <th>Melt Point °C</th> <th>Melt Point °F</th> <th>Oil Content %</th> <th>Penetration @77 °F</th> <th>Color Saybolt</th> <th>FDA 21 CFR 172.886</th>	FULLY REFINED PARAFFIN	Melt Point °C	Melt Point °F	Oil Content %	Penetration @77 °F	Color Saybolt	FDA 21 CFR 172.886	
6312 63 146 <0.5 11 28 YES 6513 65 150 <0.5 19 28 YES 6820 68 156 <0.75 13 28 YES 7319 73 162 <0.75 19 26 YES FORMULATED PARAFFIN/MICRO CANDLE BLENDS  CW-5350 53 127 18 67 24 NO CW-5790 57 135 22 89 24 NO CW-6210 62 144 <0.5 9 28 NO  MULTI-COMPONENT PARAFFIN/VEGETABLE BLEND  CW-5170S 51 124 25 70 7 NO CW-5790S 55 131 25 85 6 NO CW-5961 59 138 11 51 7 NO MICROCRYSTALLINE/PETROLATUM  Candle Grade Micropetrolatum  CW-8025 78 173 2 26 16 YES CW-8030K 80 175 2 29 27 YES CW-190 88 190 <0.5 14 13 YES SLACK/SOFT WAXES  300 Soft Wax 43 110 30 96 24 NO CW-55100 55 131 23 15 53 27 NO CW-55100 55 131 23 15 53 27 NO CW-55100 55 131 23 15 53 27 NO	5717	57	135	< 0.5	10	28	YES	
6513         65         150         <0.5	6014	60	143	< 0.5	14	28	YES	
6820         68         156         <0.75	6312	63	146	< 0.5	11	28	YES	
Table   Tabl	6513	65	150	< 0.5	19	28	YES	
FORMULATED PARAFFIN/MICRO CANDLE BLENDS   CW-5350   53   127   18   67   24   N0   CW-5790   57   135   22   89   24   N0   CW-6111V   61   143   <0.5   12   26   YES   CW-6210   62   144   <0.5   9   28   N0   MULTI-COMPONENT PARAFFIN/VEGETABLE BLEND   CW-5170S   51   124   25   70   7   N0   CW-5790S   55   131   25   85   6   N0   CW-5961   59   138   11   51   7   N0   MICROCRYSTALLINE/PETROLATUM   STANDARD   TO CW-8025   78   173   2   26   16   YES   CW-8030K   80   175   2   29   27   YES   CW-190   88   190   <0.5   14   13   YES   SLACK/SOFT WAXES   SLACK/SOFT WAXES   SLACK/SOFT WAXES   SL3CK Wax   51   123   15   53   27   N0   CW-55100   55   133   21   70   27   N0	6820	68	156	< 0.75	13	28	YES	
CW-5350         53         127         18         67         24         NO           CW-5790         57         135         22         89         24         NO           CW-6111V         61         143         <0.5	<td>7319</td> <td>73</td> <td>162</td> <td>&lt; 0.75</td> <td>19</td> <td>26</td> <td>YES</td>	7319	73	162	< 0.75	19	26	YES
CW-5790         57         135         22         89         24         NO           CW-6111V         61         143         <0.5	FORMULATED PARAFFIN/MICRO CANDLE BLENDS							
CW-6111V         61         143         <0.5	CW-5350	53	127	18	67	24	NO	
CW-6210         62         144         <0.5         9         28         NO           MULTI-COMPONENT PARAFFIN/VEGETABLE BLEND           CW-5170S         51         124         25         70         7         NO           CW-5790S         55         131         25         85         6         NO           CW-5961         59         138         11         51         7         NO           MICROCRYSTALLINE/PETROLATUM           Candle Grade Micropetrolatum         73         162         8         75         11         NO           CW-8025         78         173         2         26         16         YES           CW-8030K         80         175         2         29         27         YES           CW-190         88         190         <0.5	CW-5790	57	135	22	89	24	NO	
MULTI-COMPONENT PARAFFIN/VEGETABLE BLEND           CW-5170S         51         124         25         70         7         NO           CW-5790S         55         131         25         85         6         NO           CW-5961         59         138         11         51         7         NO           MICROCRYSTALLINE/PETROLATUM           Candle Grade Micropetrolatum         73         162         8         75         11         NO           CW-8025         78         173         2         26         16         YES           CW-8030K         80         175         2         29         27         YES           CW-190         88         190         <0.5	CW-6111V	61	143	< 0.5	12	26	YES	
CW-5170S         51         124         25         70         7         NO           CW-5790S         55         131         25         85         6         NO           CW-5961         59         138         11         51         7         NO           MICROCRYSTALLINE/PETROLATUM           Candle Grade Micropetrolatum         73         162         8         75         11         NO           CW-8025         78         173         2         26         16         YES           CW-8030K         80         175         2         29         27         YES           CW-190         88         190         <0.5	CW-6210	62	144	< 0.5	9	28	NO	
CW-5790S         55         131         25         85         6         NO           CW-5961         59         138         11         51         7         NO           MICROCRYSTALLINE/PETROLATUM           Candle Grade Micropetrolatum         73         162         8         75         11         NO           CW-8025         78         173         2         26         16         YES           CW-8030K         80         175         2         29         27         YES           CW-190         88         190         <0.5	MULTI-COMPONENT PARAFFIN/VEGETABLE BLEND							
CW-5961       59       138       11       51       7       NO         MICROCRYSTALLINE/PETROLATUM         Candle Grade Micropetrolatum       73       162       8       75       11       NO         CW-8025       78       173       2       26       16       YES         CW-8030K       80       175       2       29       27       YES         CW-190       88       190       <0.5	CW-5170S	51	124	25	70	7	NO	
MICROCRYSTALLINE/PETROLATUM           Candle Grade Micropetrolatum         73         162         8         75         11         N0           CW-8025         78         173         2         26         16         YES           CW-8030K         80         175         2         29         27         YES           CW-190         88         190         <0.5	CW-5790S	55	131	25	85	6	NO	
Candle Grade Micropetrolatum       73       162       8       75       11       NO         CW-8025       78       173       2       26       16       YES         CW-8030K       80       175       2       29       27       YES         CW-190       88       190       <0.5	CW-5961	59	138	11	51	7	NO	
Micropetrolatum       73       162       8       75       11       NO         CW-8025       78       173       2       26       16       YES         CW-8030K       80       175       2       29       27       YES         CW-190       88       190       <0.5	MICROCRYSTALLINE/PETROLATUM							
CW-8030K       80       175       2       29       27       YES         CW-190       88       190       <0.5		73	162	8	75	11	NO	
CW-190     88     190     < 0.5     14     13     YES       SLACK/SOFT WAXES       300 Soft Wax     43     110     30     96     24     NO       325 Slack Wax     51     123     15     53     27     NO       CW-55100     55     133     21     70     27     NO	CW-8025	78	173	2	26	16	YES	
SLACK/SOFT WAXES       300 Soft Wax     43     110     30     96     24     NO       325 Slack Wax     51     123     15     53     27     NO       CW-55100     55     133     21     70     27     NO	CW-8030K	80	175	2	29	27	YES	
300 Soft Wax       43       110       30       96       24       NO         325 Slack Wax       51       123       15       53       27       NO         CW-55100       55       133       21       70       27       NO	CW-190	88	190	< 0.5	14	13	YES	
325 Slack Wax     51     123     15     53     27     NO       CW-55100     55     133     21     70     27     NO	SLACK/SOFT WAXES							
CW-55100 55 133 21 70 27 NO	300 Soft Wax	43	110	30	96	24	NO	
	325 Slack Wax	51	123	15	53	27	NO	
600 Soft Wax 59 138 25 104 11 NO	CW-55100	55	133	21	70	27	NO	
	600 Soft Wax	59	138	25	104	11	NO	

Our facility meets ISO 9001:2015 quality standards.

To the best of our knowledge, the information contained herein is accurate, but is given without warranty or guarantee. We assume no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any information or material for the use contemplated, the name of use and whether there is any infringement of patents is the sole responsibility of the user.



- 2780 Waterfront Pkwy. E. Dr. Indianapolis, IN 46214
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- calumetspecialty.com