



Accu-Blend Corporation  
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## MICROLENE MICROCRYSTALLINE WAXES

Microcrystalline wax is a specific type of wax produced by de-oiling petroleum. Unlike paraffin wax, microcrystalline wax has fine crystals, and it is generally darker, more viscous, denser, tackier and more elastic than paraffin wax. It has elastic and adhesive characteristics, which are related to its non-straight chain components. The small and thin crystal structure enables microcrystalline wax to bind solvents or oil, preventing the sweating-out of compositions.

### Microlene Microcrystalline Line

Microlene is the microcrystalline wax brand of Accu-Blend. Microlene line offers microcrystalline waxes with drop points of the range from 160°F to 195°F. Microlene microcrystalline line includes: Microlene 160, Microlene 165, Microlene 170, Microlene 175, Microlene 185, and Microlene 195.

### Specifications

Microcrystalline Microlene No.	Drop Point (°F)	Oil Content (wt%)	Color (Visual)	Kinematic Viscosity (cSt@210°F)	Needle Penetration (dmm@77°F)
Microlene 160	159	1.0	White	14.1	29
Microlene 165	165	1.0	White	14.3	26
Microlene 170	170	1.0	Amber	14.3	26
Microlene 175	174	1.0	Amber	17.3	16
Microlene 185	185	0.2	Amber	18.0	10
Microlene 195	192	0.2	Amber	18.0	7



### Forms

The physical forms of Microlene Microcrystalline Waxes are processed for packaging, including pastilles, slabs, or liquid bulk for your specific requirements.

### Typical Uses

Microlene Microcrystalline Waxes are used in a variety of industries such as candle, adhesion, cosmetics, casting, tire and rubber, corrugated board, and others.

### Warranty Disclaimer Statement

The information contained in this document is based on tests which are believed to be reliable. As actual conditions of use may vary and are beyond the control of Accu-Blend Corporation, the products specified characteristics cannot be guaranteed and are offered solely for the buyer evaluation and verification. There are no expressed or implied warranties of merchantability or fitness for a particular purpose made by Accu-Blend Corporation, or its directors, officers, employees, or affiliates in connection with the sale of the products.



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## MICROLENE 160 WHITE MICROCRYSTALLINE WAX

Microlene 160 White Microcrystalline Wax is a light colored, soft, fully refined microcrystalline wax. It has fine crystals, elastic and adhesive characteristics, which are related to its non-straight chain components. It can bind solvents or oil, preventing the sweating-out of compositions.

<b>Physical Properties</b>	<b>ASTM Method</b>	<b>Specifications</b>
Drop Point (°F)	D-127	159
Kinematic Viscosity @210 (°F)	D-445	14.1 cSt
Oil Content (wt%)	D-721	1.0
Needle Penetration @ 77 (°F)	D-1321	29 dmm
Color	Visual	White

### Forms

The physical forms of Microlene 160 Microcrystalline Wax are processed for packaging, including pastilles, slabs, or liquid bulk for your specific requirements.

### Typical Uses

Microlene 160 Microcrystalline Wax is used in a variety of applications, including adhesives, cosmetics, specialty blends, candle blends, laminating or wherever tack, adhesion, flexibility and good barrier properties are needed.

### FDA Status

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

### Health and Safety

Please contact us for Health and Safety recommendations for this product on the Material Safety Data Sheet (MSDS).

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## MICROLENE 165 WHITE MICROCRYSTALLINE WAX

Microlene 165 Microcrystalline Wax is a light colored, soft, fully refined microcrystalline wax. It has fine crystals, elastic and adhesive characteristics, which are related to its non-straight chain components. It can bind solvents or oil, preventing the sweating-out of compositions.

<b>Physical Properties</b>	<b>ASTM Method</b>	<b>Specifications</b>
Drop Point (°F)	D-127	165
Kinematic Viscosity @210 (°F)	D-445	14.3 cSt
Oil Content (wt%)	D-721	1.0
Needle Penetration @ 77 (°F)	D-1321	26 dmm
Color	Visual	White

### Forms

The physical forms of Microlene 165 Microcrystalline Wax are processed for packaging, including pastilles, slabs, or liquid bulk for your specific requirements.

### Typical Uses

Microlene 165 Microcrystalline Wax is used in a variety of industries such as candle, adhesion, cosmetics, casting, tire and rubber, corrugated board, and others.

### FDA Status

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

### Health and Safety

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## MICROLENE 170 AMBER MICROCRYSTALLINE WAX

Microlene 170 Amber Microcrystalline Wax is a light colored, soft, fully refined microcrystalline wax. It has fine crystals, elastic and adhesive characteristics, which are related to its non-straight chain components. It can bind solvents or oil, preventing the sweating-out of compositions.

<b>Physical Properties</b>	<b>ASTM Method</b>	<b>Specifications</b>
Drop Point (°F)	D-127	170
Kinematic Viscosity @210 (°F)	D-445	14.3 cSt
Oil Content (wt%)	D-721	1.0
Needle Penetration @ 77 (°F)	D-1321	26 dmm
Color	Visual	Amber

### Forms

The physical forms of Microlene 170 Microcrystalline Wax are processed for packaging, including pastilles, slabs, or liquid bulk for your specific requirements.

### Typical Uses

Microlene 170 Microcrystalline Wax is used in a variety of industries such as candle, adhesion, cosmetics, casting, tire and rubber, corrugated board, and others.

### FDA Status

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

### Health and Safety

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## MICROLENE 175 AMBER MICROCRYSTALLINE WAX

Microlene 175 Amber Microcrystalline Wax is a light colored, soft, fully refined microcrystalline wax. It has fine crystals, elastic and adhesive characteristics, which are related to its non-straight chain components. It can bind solvents or oil, preventing the sweating-out of compositions.

<b>Physical Properties</b>	<b>ASTM Method</b>	<b>Specifications</b>
Drop Point (°F)	D-127	174
Kinematic Viscosity @210 (°F)	D-445	17.3 cSt
Oil Content (wt%)	D-721	1.0
Needle Penetration @ 77 (°F)	D-1321	16 dmm
Color	Visual	Amber

### Forms

The physical forms of Microlene 175 Microcrystalline Wax are processed for packaging, including pastilles, slabs, or liquid bulk for your specific requirements.

### Typical Uses

Microlene 175 Microcrystalline Wax is used in a variety of industries such as candle, adhesion, cosmetics, casting, tire and rubber, corrugated board, and others.

### FDA Status

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

### Health and Safety

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## MICROLENE 185 AMBER MICROCRYSTALLINE WAX

Microlene 185 Amber Microcrystalline Wax is a light colored, soft, fully refined microcrystalline wax. It has fine crystals, elastic and adhesive characteristics, which are related to its non-straight chain components. It can bind solvents or oil, preventing the sweating-out of compositions.

<b>Physical Properties</b>	<b>ASTM Method</b>	<b>Specifications</b>
Drop Point (°F)	D-127	185
Kinematic Viscosity @210 (°F)	D-445	18.0 cSt
Oil Content (wt%)	D-721	0.2
Needle Penetration @ 77 (°F)	D-1321	10 dmm
Color	Visual	Amber

### Forms

The physical forms of Microlene 185 Microcrystalline Wax are processed for packaging, including pastilles, slabs, or liquid bulk for your specific requirements.

### Typical Uses

Microlene 185 Microcrystalline Wax is used in a variety of industries such as candle, adhesion, cosmetics, casting, tire and rubber, corrugated board, and others.

### FDA Status

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

### Health and Safety

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## MICROLENE 195 AMBER MICROCRYSTALLINE WAX

Microlene 195 Amber Microcrystalline Wax is a light colored, soft, fully refined microcrystalline wax. It has fine crystals, elastic and adhesive characteristics, which are related to its non-straight chain components. It can bind solvents or oil, preventing the sweating-out of compositions.

<b>Physical Properties</b>	<b>ASTM Method</b>	<b>Specifications</b>
Drop Point (°F)	D-127	192
Kinematic Viscosity @210 (°F)	D-445	18.0 cSt
Oil Content (wt%)	D-721	0.2
Needle Penetration @ 77 (°F)	D-1321	7 dmm
Color	Visual	Amber

### Forms

The physical forms of Microlene 195 Microcrystalline Wax are processed for packaging, including pastilles, slabs, or liquid bulk for your specific requirements.

### Typical Uses

Microlene 195 Microcrystalline Wax is used in a variety of industries such as candle, adhesion, cosmetics, casting, tire and rubber, corrugated board, and others.

### FDA Status

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

### Health and Safety

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