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About Us

More than 100 years old, originally established in 1898, Paramelt has grown over the years to become the leading global specialist in wax based materials. Today Paramelt operates from 8 production locations around the globe in The Netherlands, USA and China. The business operates through a series of global business units providing a structured approach to the key market sectors in which it operates, including Packaging, Cosmetics, Food and Industrial.

As the major, global specialist in wax technology, Paramelt is a strategic partner to many leading international brands providing not only a standard product range but also well known for custom and tailor made products as well as toll manufacturing.

With its network around the world, Paramelt is firmly integrated in to the global supply chain for waxes and related raw materials. This provides a strong position from which to ensure the best possible levels of supply continuity and value for money to the market.

Paramelt is built on a tradition of partnership and trust; underpinned by extensive knowledge gained by more than 100 years of experience. Paramelt is ready and waiting to partner with you. Why not get get in contact today and experience the performance we can bring to your business!

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PARACERA™

waxes for cosmetic
and pharmaceutical
preparations

experience performance in the way
our wax based additives safely deliver
the desired effect

waxes | adhesives | dispersions



PARACERA™ waxes for cosmetic and pharmaceutical preparations

	Product	Color	Drop melting point (°C) ASTM D 3954	Congealing point (°C) ASTM D 938	Penetration at 25°C (*0.1mm) ASTM D 1321	Creams and ointments	Decorative cosmetics	Stick form products	Description
PARAFFIN WAXES	PARACERA P	White	n/a	58-62	13-17	•	•	•	Used in ointments and cream formulations to improve consistency. Adds gloss and moisture retention to sticks and color cosmetics. Its good oil absorption permits the addition of high proportions of effective substances to the fat phase.
OZOKERITE WAXES*	PARACERA M	White / Off white	72-80	68-72	14-18	•	•	•	The most versatile wax in our range. Formulated with a well-balanced proportion of straight and branched chain hydrocarbon waxes. The product has consistency regulating and gel forming properties. Due to good absorption of mineral and vegetable oils, stable and fine crystals are formed.
	PARACERA W80	White / Off white	82-88	75-80	9-13	•	•	•	A balanced formulation of mineral hydrocarbon waxes that delivers dry consistency when used in creams and provides excellent oil binding properties for stick forms. Used as a regulator in preparations for decorative cosmetics when a hard and high melting point wax is required.
	PARACERA 11946	White	88-96	79-85	5-9	•	•	•	A blend of primarily linear mineral and synthetic waxes that imparts advantageous properties in warmer climates due to its higher temperature stability. It has superior gel forming properties with oils and excellent gloss from enhanced macro crystal formation. Also used to give stick products good structure and hardness and prevent tackiness in decorative cosmetics.
	PARACERA 13863	Max. Yellowish	96-106	86-94	4-10	•	•	•	A formulated mixture of hydrocarbon waxes creating an Ozokerite structure and performance with increased temperature stability. The Ozokerite type composition allows for both good oil gelling and enhanced oil binding properties. For use in sticks, decorative cosmetics and skin care, it stabilizes the final product, enhances hardness and temperature resistance and modifies rheology.
MICROCRYSTALLINE WAXES	PARACERA L	Yellowish / Light yellow	approx. 65	57-63	20-30	•	•	•	A hydrocarbon wax, of microcrystalline structure, that distinguishes itself by its unique low congealing point. The low oil content and flexible character makes it very suitable for many cosmetic applications where good oil binding or viscosity regulation is required.
	PARACERA MW	Off white / Ivory	78-86	73-79	22-32	•	•	•	A mixture of hydrocarbon waxes composed of predominantly branched chains, provides this microcrystalline wax with consistency, regulating and gel forming properties. Forms fine crystals and stable structures due to its good absorption of mineral and vegetable oils.
	PARACERA H	Off white / Ivory	approx. 88	80-86	8-16	•	•	•	A hydrocarbon wax, of microcrystalline structure, that is distinguished by its high congealing and melting points. Used as a regulator in preparations for decorative cosmetics and its superior oil binding behavior makes it very suitable for stick forms.
NARROW CUT WAXES	PARACERA N101	Max. Off white	98-104	93-97	0-5	•	•	•	It is a narrow molecular weight distribution of primarily linear hydrocarbons, with highly efficient material property modifications at low additive levels. Has excellent oil gelling properties and imparts increased temperature stability and hardness, gloss and structure in stick products and to modify viscosity of oil components.
	PARACERA N106	Max. Off white	103-109	98-102	0-5	•	•	•	It is a narrow molecular weight distribution of primarily linear hydrocarbons, with highly efficient material property modifications at low additive levels. Has excellent oil gelling properties and imparts increased temperature stability and hardness, gloss and structure in stick products and to modify viscosity of oil components.
SPECIALTY WAXES	PARACERA C44	Light yellow	79-85	n/a	0-8	•	•	•	A blend of Carnauba and other waxes that increases hardness and gloss of decorative cosmetics and sticks. It gives increased temperature stability to cosmetic products and is a good oil binder and co-emulsifier.
	BEEWAX BLEND 164	Off white	61-65	61-65	n/a	•	•	•	A blend of beeswax with other ingredients. In this partially synthetic beeswax the chemical, physical and performance characteristics are comparable with pure beeswax.
	BEEWAX BLEND 166	Yellow	61-65	61-65	n/a	•	•	•	A blend of beeswax with other ingredients. In this partially synthetic beeswax the chemical, physical and performance characteristics are comparable with pure beeswax.
BEESWAXES	BEEWAX CARE 144	Ivory	61-66	61-65	n/a	•	•	•	100% pure bleached beeswax. A natural emulsifier, it stabilizes creams and lotions, increases compatibility of materials in decorative cosmetics and works as an emollient and oil binder in stick products.
	BEEWAX CARE 146	Yellow	61-66	61-65	n/a	•	•	•	100% pure refined beeswax. A natural emulsifier, it stabilizes creams and lotions, increases compatibility of materials in decorative cosmetics and works as an emollient and oil binder in stick products.



*For cosmetic and pharma applications, formulated blends of petroleum waxes have replaced the naturally occurring mineral wax Ozokerite, as original Ozokerite is no longer commercially available. The original Ozokerite wax was obtained from bituminous coal. The chemistry was a blend of linear hydrocarbons (paraffin) and branched hydrocarbons (microcrystalline wax), but it had darker color and odors due to contaminants. The formulated Ozokerite products are chemical equivalents to the natural occurring material but are more highly purified from contaminants. INCI reporting requirements differ regionally around the world. As the Paracera line of products is produced in the European Union, we comply with the European Commission Database Cosing for our INCI designations. Cosing requires INCI names that most accurately reflect the material description, which for waxes is frequently more highly dependent on the processing of materials than the composition itself. The materials in this group are compositionally Ozokerite, but our INCI designations will reflect the closest Cosing designation based on the processing.



PARACERA™ N RANGE

High Performance
specialty waxes

experience performance in the way
our wax based additives safely deliver
the desired effect

waxes | adhesives | dispersions

PARACERA™ N

The Paracera™ N-range is a unique range of waxes, which are specially designed with a narrow molecular weight distribution to maximize the efficacy of specific properties.

The defined molecular weight distribution makes the material act in a very uniform way, giving the designed influence on the product at lower usage levels.

Advantages	Applications			Mechanism
	Decorative	Sticks	Skin	
Control crystallinity	•	•		Tailored solidification profiles
Nucleation starters		•		Narrow distributions provide seed crystals at critical temperatures to accelerate
Rheology modifiers	•	•	•	Internal shear in oils rapidly modified
High oil gelling capabilities	•	•	•	Enhancement through structuring and reinforcement of crystalline structures
Slip modification	•	•		Large crystal formations reduce drag
Short cycle times	•	•		High temperature materials with narrow transition profiles
Stability enhancement	•	•	•	Narrow distribution prevents premature softening

Product	Color	INCI name	BVI 100 (mPa.s) ASTM D3236	BVI 130 (mPa.s) ASTM D3236	Congeeing point (°C) ASTM D938	Drop melting point (°C) ASTM D3954	Penetration @ 25°C (*0.1mm) ASTM D1312
PARACERA N106	Max Offwhite	Polyethelene	-	5-12	98-102	103-109	0-5
PARACERA N101	Max Offwhite	Polyethelene	-	5-12	93-97	98-104	0-5
PARACERA N96	Max Offwhite	Polyethelene	-	4-10	88-92	93-99	2-6
PARACERA N88	Max Offwhite	Synthetic wax	4-10	-	81-85	87-93	3-8
PARACERA N78	Max Offwhite	Synthetic wax	3-6	-	69-75	75-81	8-12



experience. performance.

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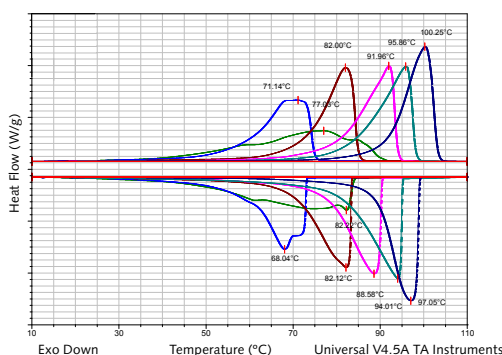
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DSC

— Cosmetics polymer "A" — Paracera N 88 — Paracera N 101
— Paracera N 78 — Paracera N 96 — Paracera N 106



The Paracera™ N waxes are produced in a FSSC 22000 certified food safe production environment

Paracera™ N high temperature products relative efficacy

