



cosmetics & care **waxes**

# paracera<sup>®</sup> n-range

**high performance**  
specialty waxes

**Experience performance** in the  
way our **wax additives safely**  
**deliver** the desired effect

○ waxes adhesives coatings

 **paramelt**  
experience. performance.

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.

	Applications			
	Decorative	Sticks	Skin	
Advantages	Decorative	Sticks	Skin	Mechanism
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 (mPa.s) ASTM D3236	Congeaing point (°C) ASTM D938	Drop melting point (°C) ASTM 3954	Penetration @ 25°C (*0.1mm) ASTM D1312
Paracera N 106	Max Off white	Polyethylene	5-12 (130°C)	98-102	103-109	0-5
Paracera N 101	Max Off white	Polyethylene	5-12 (130°C)	93-97	98-104	0-5
Paracera N 101S	Max Off white	Synthetic wax	5-12 (130°C)	93-97	98-104	0-5
Paracera N 96	Max Off white	Polyethylene	4-10 (130°C)	88-92	93-99	2-6
Paracera N 88	Max Off white	Synthetic wax	4-10 (100°C)	81-85	87-93	3-8

#### Paramelt Europe

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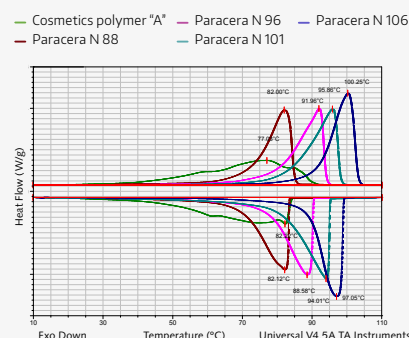
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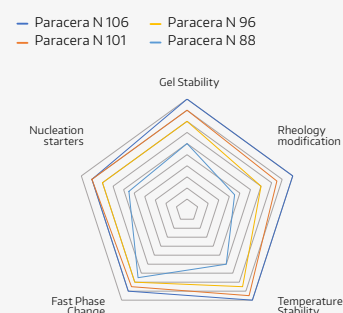
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#### DSC



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

#### Paracera® N high temperature products relative efficacy



## We are Paramelt

Founded in 1898, Paramelt has over 125 years of experience and today is a global producer of wax blends, adhesives and specialty dispersions. Operating from production sites in the Netherlands, United Kingdom, the USA and China, we work together in a team of about 500 employees around the world. In most of our core applications Paramelt is the acknowledged market leader.