



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

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			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 (mPa.s) ASTM D3236	Congealing 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

Costerstraat 18  
1704 RJ Heerhugowaard  
The Netherlands  
t +31 72 57 50 600

### Paramelt USA

2817 McCracken Street  
Muskegon, MI 49441  
United States of America  
t +1 231 759 7304

### Paramelt Asia

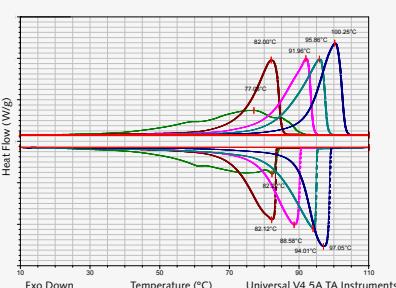
109 Sutong Road  
Suzhou Industrial Park  
Suzhou, Jiangsu 215021, China  
t +86 512 6761 6618

waxes adhesives coatings

[www.paramelt.com](http://www.paramelt.com)

### DSC

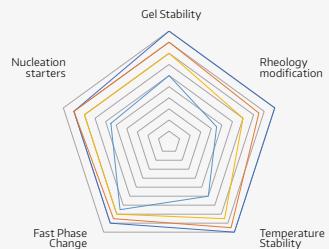
Cosmetics polymer "A" Paracera N 96 Paracera N 106  
Paracera N 88 Paracera N 101



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

### Paracera® N high temperature products relative efficacy

Paracera N 106 Paracera N 96  
Paracera N 101 Paracera N 88



## 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.