

# Paracera<sup>®</sup> N 101

## Product type

INCI : Polyethylene

CAS : 9002-88-4

## Applications / Properties

Paracera N 101 is a highly controlled, narrow molecular weight distribution of primarily linear hydrocarbons that has high performance property impact at low addition levels. The sharp phase change properties are very effective at increasing temperature stability and preventing premature softening of the finished product.

The highly linear nature of the material combined with the narrow distribution enhances oil gelation and stability, modifies rheology, imparts gloss and improves structuring in sticks.

The Paracera N 101 has multiple uses across all cosmetic product groups, with particular performance benefits as an oil phase rheology modifier, temperature stabilizer and increaser, structuring component, hardness increasing agent and to impart glossy appearance in sticks and color cosmetics.

## Product characteristics

Technical Data	Specification	Typical	Method
Colour	Max. off white		Visual
Congealing point	93 - 97 °C		ASTM D 938
Drop melting point	98 - 104 °C		ASTM D 3954
Penetration at 25 °C	0 - 5 dmm		ASTM D 1321
Viscosity at 130 °C	5 - 12 mPa.s		ASTM D 3236

## Application systems

Cosmetic and pharmaceutical preparations.

## Storage

Paracera N 101 has a shelf life of at least two years (from production date) when stored under cover in cool, dry conditions. Stock rotation should be practised.

## Disclaimer

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