

EASTMAN

Eastman Esmeri™ CC1N10

cellulose ester micropowder

Advancing long-lasting optical effects in color cosmetics

High performance | Microplastic free | Color cosmetics | Sustainable



Color cosmetics brands are constantly challenged to find high-performing ingredients that address today's health concerns, meet future regulatory requirements and satisfy consumer expectations.

Finding an ingredient that enables high-performance color cosmetics, meets those expectations, and is sustainable in a saturated market has been difficult — until now.

Produced from 63% sustainable wood pulp, Esmeri CC1N10 cellulose ester micropowder is designed to help formulators create high-performance, microplastic-free color cosmetics that comply with current and future regulations.

Esmeri CC1N10 offers impressive benefits, including outstanding, long-lasting optical effects; improved application evenness; and an enhanced sensory experience. This enables formulators greater flexibility to experiment and create unique products in the market.

Product features

- White powder
- Average particle size: 10 µm
- Environmentally friendly: naturally derived and freshwater biodegradable*
- Applications: versatile for color cosmetics, including foundation, lipsticks and pressed powder
- Integration: compatible with lipophilic systems and water in oil emulsions
- Sustainability: sourced from sustainably managed forests certified by PEFC™ and FSC® standards
- Nano status: non-nano, certified externally based on EC recommendation 2022/C229/01 and French Decree No. 2012-232 of 17/02/12
- Naturality index ISO 16128: 0.62 (naturally derived)
- INCI: cellulose acetate butyrate

**Biodegradable per regulation (EU) 2023/2055 "Synthetic Polymer Microparticles" Group 2 compliance*

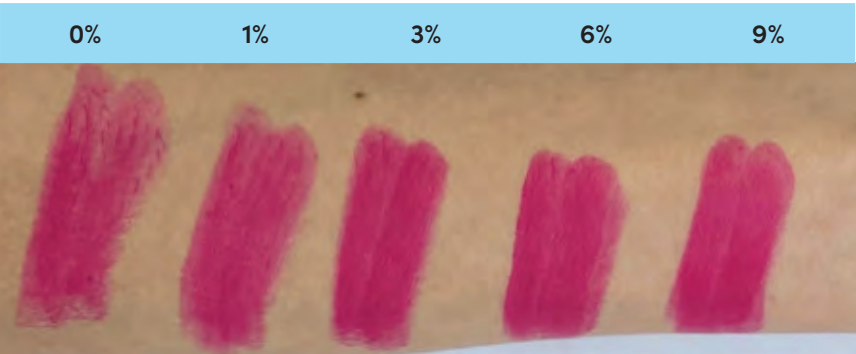


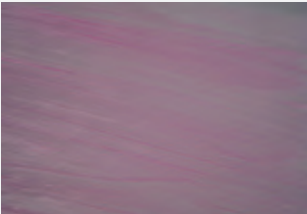
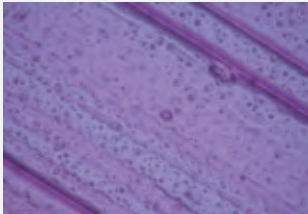
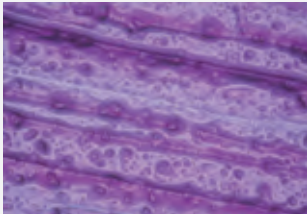
Proven performance

Lipstick: exceptional color payoff

Esmeri CC1N10 showed significant improvements across various applications. In lipsticks, it enhances color payoff, evenness and intensity.

On-skin testing of lipstick with increasing concentration of Esmeri CC1N10



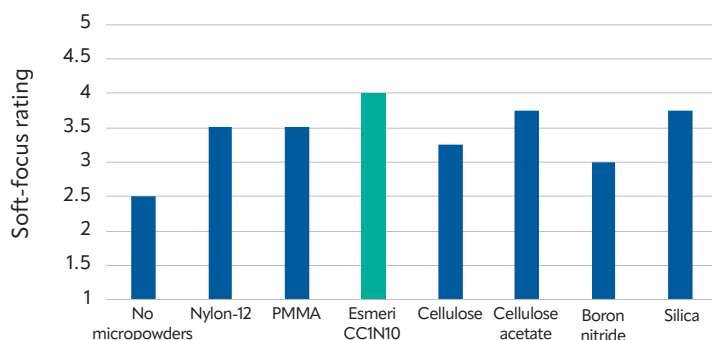
Microscopic pictures at x 13		Microscopic pictures at x 133	
Negative control	Esmeri CC1N10	Negative control	Esmeri CC1N10
			
		↓ Wax crystals	↓ Powder particles well dispersed in lipstick base

Foundation: soft focus finish

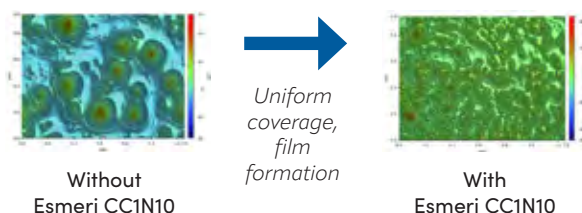
When added to liquid foundation, it offers improved soft focus and uniform coverage. In powder applications, Esmeri CC1N10 delivers a soft-focus effect that is visually superior or comparable to other micropowders or commonly used ingredients.

Visual assessment on textured leather (rating 1-5)

5% Esmeri CC1N10 in pigmented formulation



Optical profilometer



Your partner in long-lasting color cosmetics

When you formulate with Esmeri CC1N10, you give your consumers what they want — color cosmetics that offer long-lasting wear and soft-focus properties.

Get the expertise and collaboration you need. Contact an Eastman representative for more information or formulation guidance.



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