



Care
Creations™

 **BASF**
We create chemistry

Tinomax™ CC

Lengthening your UV protection
with a new skin sensory enhancer

Tinomax™ CC

산란/반사 기능이 부가된 천연 입자



Suitable for skin and sun care formulations bringing significant **sensory enhancement** due to **homogeneous particle shaping**

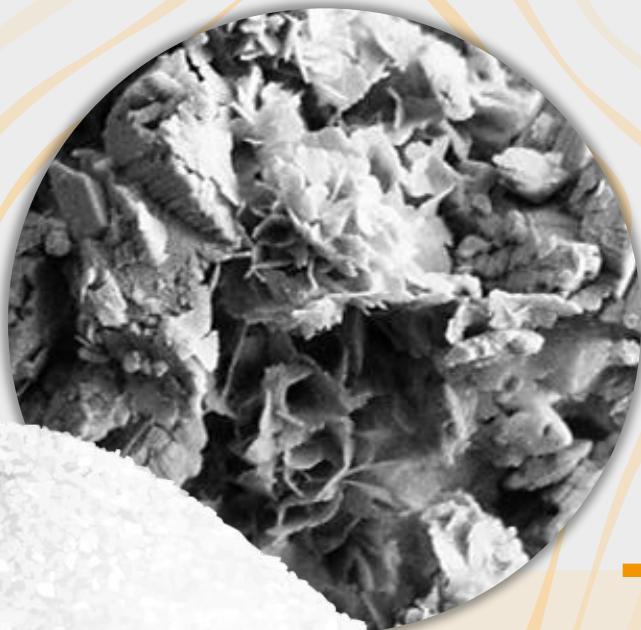
100% naturally derived feedstock **Ecolabel**, **Cosmos** and **NATRUE** conform

Lengthening your UV protection with SPF and UVA improvement via light birefringence




Tinomax™ CC

Technical profile



SEM images (10k magnification)

INCI Name	Calcium Carbonate, Hydroxyapatite
ECO status	
Appearance	Off-white fine powder
Particle size (d50%)	3 - 4 μm
Preservative	Free
Recommended use level	3.0%



Natural-based functionalized CaCO₃ and Hydroxyapatite particle, no “micro plastic” discussion



A new technology that could **help to improve natural ingredients percentage**



Ecotoxicological profile **improvement** of formulations

Tinomax™ CC 요약



유기 자외선 차단제와 함께
사용하는 것이 추천됨
(유용성 및 수용성)



유분산성 무기자외선
차단제와도 자외선 차단
시너지 효과가 입증됨



고 SPF 지수 제품의 경우,
오일량을 줄일 수 있어
사용감 개선에 유리함



백탁현상이 나타나지 않는
입자화된 성분



친환경을 소구하는
선크림에 적합하여
Natural Index 향상 가능

Lengthening your UV protection

Internal

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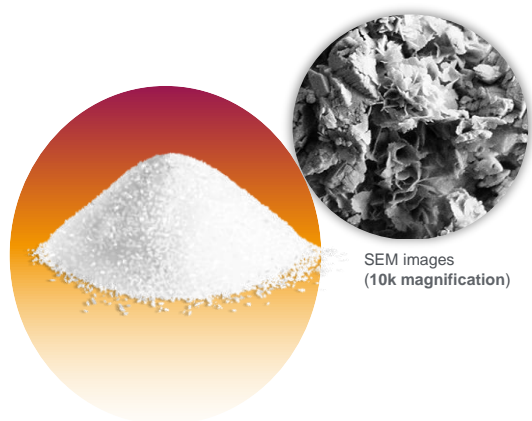
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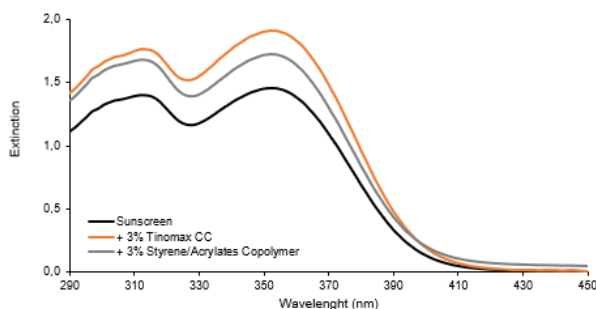
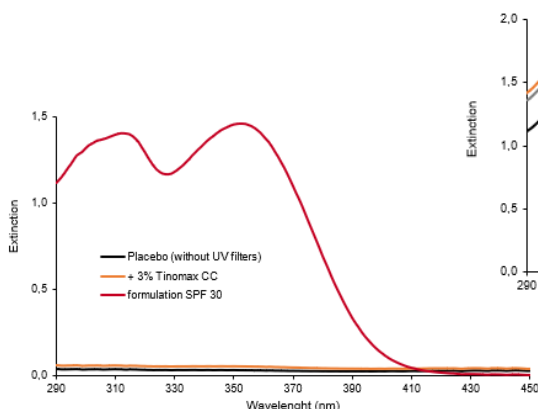
Lengthening your UV protection with a new skin sensory enhancer

Performance Profile

- **Natural-based** functionalized particle of CaCO₃ and Hydroxyapatite
- Lengthening your UV protection with **SPF and UVA improvement**
- A new technology that could help to **increase natural ingredients percentage**
- **Sensory** enhancement due to homogeneous particle shaping
- Ecotoxicological profile improvement of formulations



SEM images
(10k magnification)



But it shows superior performance of SPF/UVA contribution when applied in a sunscreen



Brief Overview Tinomax™ CC

INCI Name:
Calcium Carbonate, Hydroxyapatite

Appearance:
Off-white fine powder

Particle size (d50%):
3 - 4 µm

Preservative:
None

Formulations

For formulation requests please contact your local BASF Team

Fields of Application

- Sun Care
- Daily Face Care

View further formulations at www.ulprospector.com

Sustainability benefits Tinomax™ CC

- Natural-based ingredient
- Does not contain preservative

Status 03-2023