



TILAMAR®

OP 40



ONE-FOR-ALL with improved long-term stability

Cosmetics manufacturers value all-in-one solutions for personal care products, and their users like rinse-off products with a white, creamy and nourishing texture.

TILAMAR® OP 40 delivers an opacified formulation with a creamy texture, nourishing body structure and improved color effects in a ONE-FOR-ALL solution. The opacifier is a water based emulsion copolymer of styrene and methacrylic acid that is easy to drop in a formulation. It now offers better long-term stability, in particular with challenging product formulations such as high salt concentrations, the presence of cationic and anionic ingredients and low viscosity systems.

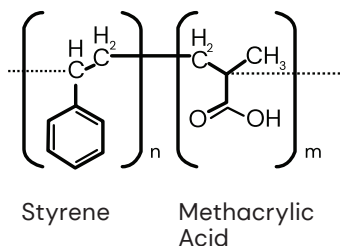
We would like to help you make TILAMAR® OP 40 the most convenient solution ever for all your rinse-off products with a creamy and nourishing texture.

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TILAMAR® OP 40

Product name	TILAMAR® OP 40
INCI name	Styrene/Acrylates Copolymer
CAS number	9010-92-8
Product code	5010276

Chemical structure



Specifications

Appearance	Dispersion
Colour	White to light greenish
pH	2.0–3.0
Total solids	39–41% m/m

Unique features

- ONE-FOR-ALL solution based on improved long-term stability even in the presence of high salt, cationic and anionic ingredients or low viscosity systems
- Improved color effects by high opacifying power

Packaging

60 kg and 120 kg plastic drums
1,000 kg pallet container

Application and benefits for hair care products

Shampoos, conditioners, treatments, colorants and styling products

- Delivers a creamy and nourishing body structure
- Provides opaqueness to liquid formulations
- Improved color effects

Concentration recommendations: 0.1 to 1.0% as product to provide a creamy body texture to a liquid formulation

Robustness and salt stability

At low salt concentrations, the salt stability of TILAMAR® OP 40 is visibly improved and becomes even more obvious at higher salt concentrations.



Stability was assessed in standard shampoo formulations using 0.8% of the opacifying agent in question, 0.5% of a cationic polymer, and variable salt concentrations ranging from 0.5 to 2.5%. The above picture depicts the dispersion properties of TILAMAR® OP 40 as compared to the 'best in class' benchmark when using 1% salt content.

For more information, please visit <https://www.dsm-firmenich.com/en/businesses/perfumery-beauty/beauty-care.html>

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