

# ACRIPOL<sup>®</sup> T 210

## Thickener for cosmetics

**DESCRIPTION** ACRIPOL<sup>®</sup> T 210 is an anionic thickener, based on an acrylamide copolymer hydrocarbons emulsion that gives a non-Newtonian, pseudoplastic behavior to the product.

### Product benefits

- Aqueous emulsion.
- It does not affect transparency.
- Instant solubilization at room temperature, without necessity of pH neutralization.
- Excellent compatibility with usual raw materials used for softeners and cationic detergents.
- Good activity as stabilizing agent.

**ACTIVE SUBSTANCES** **INCI declaration**  
Polyacrilamide & c13-14 Isoparaffin & Laureth-7

<b>CHARACTERISTICS</b>	<b>Appearance</b>	Translucent liquid
	<b>Odour</b>	Slightly acetic
	<b>Viscosity (20°C. 2% solution)</b>	18000 – 32000 cps
	<b>pH (1% solution)</b>	5,0 – 7,0
	<b>Active content</b>	45 – 55%
	<b>Solubility</b>	Soluble in water

**APPLICATIONS AND USE LEVELS** ACRIPOL<sup>®</sup> T 210 is a thickener agent showing high thickening activity and it is used in hair care and skin care products.

ACRIPOL<sup>®</sup> T 210 must be used as it is and needs no neutralization if pH of the cosmetic formulation is 6 or higher.

As general guidance, the dosage required of ACRIPOL<sup>®</sup> T 210 may vary according to the initial viscosity and the desired target, but typical dosages are in the following range: 0,2 % - 0,4%.

**USE GUIDELINES** ACRIPOL<sup>®</sup> T 210 is compatible with the majority of cosmetic formulations as stabilizing additive, and as a suspending agent, as much for liquid-liquid as for solid-liquid suspensions.

ACRIPOL<sup>®</sup> T 210 is easy to handle and easy to dissolve.

**ACRIPOL® T 210** can be added as it. As general rule we recommend to use the additive in the continuous phase with high stirring, slow addition and at the last production stage. Stability and viscosity of the formulations prepared with the product are not significantly affected by high temperatures.

**HANDLING, STORAGE,  
HEALTH AND SAFETY**

<b>Packaging</b>	Jerrican 25 kg net. Jerrican 200 kg net. Standard IBC 1000 kg net.
<b>Shelf life</b>	Best use before 12 months from production date.
<b>Storage</b>	Store in a cool dry place between 0 °C and 30 °C protected from frost, heat and direct sunlight, in the original container well sealed.
<b>Transport and labelling</b>	It is not classified as a dangerous product for transport.
<b>Handling</b>	It is recommended handle it taking the typical measures for this type of chemicals including protective clothing, overalls, gloves, goggles and face protection. Avoid contact with skin, eyes and mucous membranes. Use chemicals safely. Always read the label and product information before use.

For further information, refer to the separate Material Safety Data Sheet available under request.

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