



## Product Information

## ALUGEL 34 TH

**Definition** Aluminium tristearate, white to off-white powder

**Properties**

<u>Parameter</u>	<u>General specification</u>	<u>Indication only</u>
Ash content	7.0 - 9.0 %	
Free fatty acid	12.0 - 18.0 %	
Moisture	Max. 1.0 %	
Melting point	125 - 140 °C	
Sieve residue 200 µm	Max. 6.0 %	
d (v, 0.5)		Approx. 10 µm
d (v, 0.9)		Approx. 30 µm

**Features** ALUGEL 34 TH is produced from a high quality fatty acid.

**Performance** ALUGEL 34 TH is insoluble in water, lower alcohols, esters and ketones, soluble in benzene, toluene, xylene, glycol, chlorinated hydrocarbons, mineral and vegetable oils.

ALUGEL 34 TH serves as a lubricant in the production of polyamides and thermosets. The fine particle size distribution provides excellent dispersion properties in blending, compounding and extrusion equipment.

ALUGEL 34 TH provides strong gellification. It is used as thixotropic and thickening agent in the production of varnishes and lacquers and as thickening agent for oils where it forms transparent, water repellent greases.

ALUGEL 34 TH is technical grade. Please contact us, if further application related information is needed.

**Quality control** A modern, state-of-the-art plant process with strict control ensures consistent quality in chemical and physical properties.

**Regulatory** Meets the requirements of Regulation Directive (EU) 10/2011 for additives used in plastic materials and articles intended to come into contact with foodstuffs. No specific migration limit (SML) and no fat consumption reduction factor (FRF) have to be observed.

No component is contained, which has to be considered as a dual use additive in accordance with Regulation Directive (EU) 10/2011, article 11 (3a).

**Packaging** Standard packaging in bags. Other packaging options are available upon request.

**Storage** Storage in dry areas at normal ambient temperatures is recommended. Open containers of unused product should be firmly closed for storage.  
The shelf life is 12 months.

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