



Product Information

ALUGEL 30 HEP

Definition Aluminium distearate, white to off-white powder

Properties

<u>Parameter</u>	<u>General specification</u>	<u>Indication only</u>
Ash content	8.0 - 9.5 %	
Free fatty acid	5.0 - 10.0 %	
Volatile contents	Max. 2.0 %	
Melting point	150 - 160 °C	
Sieve residue on 200 µm	Max. 5.0 %	
d (v, 0.5)		Approx. 20 µm
d (v, 0.9)		Approx. 45 µm

Features ALUGEL 30 HEP is produced from a high quality, vegetable derived fatty acid.

Performance

ALUGEL 30 HEP is insoluble in water, lower alcohols, esters and ketones, soluble in benzene, toluene, xylene, glycol, chlorinated hydrocarbons, mineral and vegetable oils.

ALUGEL 30 HEP serves as a lubricant in the production of polyamides and thermosets. ALUGEL 30 HEP is used as thickening agent in the production of varnishes and lacquers. As a gelling agent it forms transparent, water repellent greases. The fine particle size distribution provides excellent dispersion properties in blending, compounding and extrusion equipment.

ALUGEL 30 HEP 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. The specific migration limit (SML) of aluminium salts has to be observed. No fat consumption reduction factor (FRF) has 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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