



Product Information

Alugel 30 DF

Definition Aluminium stearate, white to off-white powder

Properties	<u>Test</u>	<u>General Specification</u>
	Total Ash	9.0-11.0 %
	Free Fatty Acid	4.0-9.0 %
	Moisture	max. 1.0 %
	Melting Point	150-160 °C
	Sieve residue 200 µm	max. 5.0 %

Features Alugel 30 DF is produced from a high quality, animal derived fatty acid for grease, lacquer and polymer applications requiring a finely divided powder with good handling and feeding characteristics.

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

Performance Alugel 30 DF serves as a lubricant in the production of polyamides and thermosets.

Alugel 30 DF has a strong gelification effect and is therefore used as thixotropic thickening agent in the production of varnishes and lacquers. As a gelling agent for oils it forms transparent, water repellent greases.

Furthermore it is used as a hydrophobic agent in the building industry.

The fine particle size distribution provides excellent dispersion properties in blending, compounding and extrusion equipment.

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 the Directive 2002/72/EC (including all amendments) for plastic materials and articles intended to come into contact with foodstuffs.

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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