



LOXIOl® 8312

Antistatic Agent

Description

LOXIOl® 8312 is a high-mono GMS.

General Appearance

White, solid
Available as powder

Specified Data

Parameter	Value	Test Method*
Acid value (mg KOH/g)	0 - 3	DIN EN ISO 2114
Iodine value (g I / 100 g)	0 - 2	DGF C-V 11d
Free glycerol (%)	0 - 2	DGF E-III 3a
Monoester content (%)	90 - 100	AOCS Cd 11b-91

* Test method: DIN (Europe) | AOCS (Asia)

Properties and Applications

LOXIOl® 8312 is a very efficient, nitrogen-free additive for several applications. It is suitable for thermoplastic materials, particularly for polyolefines as an antistatic agent, lubricant and release agent.

Depending on dosage LOXIOl® 8312 lowers the surface resistance of plastics and thereby prevents dust formation on the finished articles. The antistatic effect can be improved by combining it with other antistatic agents.

LOXIOl® 8312 can be used as a lubricant to improve the flowability of plastic melts and shortening the processing cycles.

LOXIOl® 8312 is also suitable for calendered PP film applications in the food packaging industry. The use of LOXIOl® 8312 eliminates the tendency of films to stick to hot (approx. 200 °C) roll surfaces. In case of particularly soft PP adjustments, it is advantageous to add metal soaps.



Recommended Dosage

0.4 - 1.5 phr	antistatic agent
0.3 - 1.0 phr	lubricant
0.2 - 0.5 phr	release agent

Certifications

LOXIOL® 8312 is registered in compliance with the EU REACH regulation. LOXIOL® 8312 complies with indirect food contact directives. Further information is available upon request.

Health and Safety Information

Please review our Safety Data Sheet for best practices when using this material.

Packaging Sizes

Bags, 25 kg
Big bags, 900 kg

Storage and Handling

The recommended storage for LOXIOL® 8312 is at room temperature. If stored in original sealed packaging, LOXIOL® 8312 is durable for at least 24 months from the date of manufacture.

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