



LOXIOl® G 70 S

Lubricant / Release Agent

Description

LOXIOl® G 70 S is a fatty acid ester (complex ester).

General Appearance

Pale yellow, practically odorless, good flow properties
Available as powder or beads

Specified Data

Parameter	Value	Test Method*
Saponification value (mg KOH/g)	275 - 285	DIN EN ISO 3681 AOCS TI 1a-64
Acid value (mg KOH/g)	0 - 15	DIN EN ISO 2114 AOCS Te 1a-64
Dropping point (°C)	56 - 59	DIN ISO 2176 AOCS Cc 18-80
Color Lovibond 1" yellow	0 - 15	DGF C-IV 4b AOCS Cc 13e-92
Color Lovibond 1" red	0 - 3	DGF C-IV 4b AOCS Cc 13e-92

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

Properties and Applications

LOXIOl® G 70 S can be used as a versatile release agent for rigid PVC processing; especially for the production of calendered HT films. It is suitable for transparent applications and improves non-stickiness and free flowing properties.



Recommended Dosage

For PVC

0.2 - 0.6 phr

For other plastics

By adding 0.2 to 5 % LOXIOL® G 70 S to thermoplastic polyurethane, it is possible to release the molded parts at a higher temperature without adhesion or sticking, which leads to an increase in productivity.

Certifications

LOXIOL® G 70 S is registered in compliance with the EU REACH regulation. LOXIOL® G 70 S 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

It is recommended to store LOXIOL® G 70 S at room temperature and to protect the product against the effects of heat and frost. After exceeding a storage temperature of 35 °C the product is no longer free-flowing and there is a risk of agglutination. If stored in original sealed packaging, LOXIOL® G 70 S should be stable for at least 24 months from the date of manufacture.

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