



LOXIOI® G 71 S

Lubricant / Release Agent

Description

LOXIOI® G 71 S is a fatty acid ester (complex ester).

General Appearance

Yellow, liquid

Practically odorless

Specified Data

Parameter	Value	Test Method
Acid value (mg KOH/g)	0 - 12	DIN EN ISO 2114
Refractive index (20 °C)	1.476 - 1.479	DIN 51423
Color Lovibond 1" yellow	0 - 30	DGF C-IV 4b
Color Lovibond 1" red	0 - 4	DGF C-IV 4b
Saponification value (mg KOH/g)*	258 - 272	DIN EN ISO 3681

*Values remain within indicated bandwidth, but will not be measured with every batch.

Properties and Applications

LOXIOI® G 71 S is an external lubricant with an optimal release effect. It is suitable for processing of PVC and as a release agent for polyurethanes. Compared with LOXIOI® G 71, the dosage can be reduced. It shows very good compatibility in rigid and plasticized PVC.



Recommended Dosage

For PVC

0.2 - 0.6 phr

For other plastics

By adding 0.2 to 5 % LOXIOI® G 71 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.

Additional Properties

Parameter	Value	Test Method
Pour point (°C)	< -20	ISO 3016
Viscosity (mPa·s; 20 °C)	1200 - 1900	DIN 53019

Certifications

LOXIOI® G 71 S is registered in compliance with the EU REACH regulation. LOXIOI® G 71 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

Bulk, liquid
 IBC tote, liquid
 Drum, liquid

Storage and Handling

It is recommended to store LOXIOI® G 71 S at room temperature and to protect the product against the effects of heat and frost. If stored in original sealed packaging, LOXIOI® G 71 S should be stable for at least 24 months from the date of manufacture.

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