



LOXIOI® G 16

Lubricant

Description

LOXIOI® G 16 is a partial fatty acid ester of glycerine.

General Appearance

Yellowish to yellow orange, liquid

Specified Data

Parameter	Value	Test Method
Acid value (mg KOH/g)	0 - 1.0	DIN EN ISO 2114
Refractive index (20 °C)	1.468 - 1.472	DIN 51423
Color Lovibond 1" yellow	0 - 10	DGF C-IV 4b
Color Lovibond 1" red	0 - 2.0	DGF C-IV 4b
Saponification value (mg KOH/g)*	180 - 190	DIN EN ISO 3681

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

Properties and Applications

- ✓ Internal lubricant for PVC
- ✓ Very good compatibility
- ✓ Suited for transparent applications
- ✓ Improves free flowing properties of the dry blend
- ✓ Synergistic support of Sn-stabilisers containing sulphur

LOXIOI® G 16 is particularly suited for rigid PVC processing, especially calendering and extrusion of films.



Recommended Dosage

0.5 - 1.5 phr

Additional Properties

Parameter	Value	Test Method
Pour point (°C)	< 0	ISO 3016
Viscosity (mPa·s; 20 °C)	90 - 130	DIN 53019

Certifications

LOXIOL® G 16 is registered in compliance with the EU REACH regulation. LOXIOL® G 16 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

IBC tote, liquid
 Drum, liquid

Storage and Handling

It is recommended to store LOXIOL® G 16 at room temperature and to protect the product against the effects of heat and frost. Due to its pour-point, the product may deposit and it becomes solid at approximately 0 °C. This physical property is specific to the product and will be reversible when heated under mixing. It has no influence on the effectivity or application properties. If stored in original sealed packaging, LOXIOL® G 16 should be stable for at least 24 months from the date of manufacture.

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