

Revision-No.:  
3-08.2009 Effective August 26, 2009

**Description**

Solid, high molecular, multi-functional fatty acid ester (complex ester)

**Appearance**

Pale yellow coloured, practically odourless, good free flowing

**Technical Data**

Saponification value	275 - 285 mg KOH/g
Acid value	0 - 15 mg KOH/g
Drop point	55 - 58 °C
Lovibond 1"	
yellow	0 - 15
red	0 - 3

**Applications**

**For PVC**

- Rigid PVC processing
- Special product for the manufacture of calendered rigid PVC films

**For other plastics**

- With its good thermostability and low volatility this ester type is an excellent processing agent for thermoplastics, which are processed at high temperatures.

**Properties**

**For PVC**

External lubricant with an optimal release effect and a lower dosage than of the products LOXIOL® G 70 and LOXIOL® P 621. Suitable in particular for the manufacture of highly transparent films.

## Dosage

0.2 - 0.6 phr (for PVC)

### **For other plastics**

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

## Food Law Approvals

Information on request

## Analysis methods

Saponification value	DIN EN ISO 3681
Acid value	DIN EN ISO 2114
Drop point	DIN ISO 2176
Lovibond 1"	
yellow	DGF C-IV 4b
red	DGF C-IV 4b

## Storage

It is recommended to store LOXIOI<sup>®</sup> G 70 S cool. After exceeding a storage temperature of 35 °C the product is no longer free-flowing and there is a risk of agglutination.

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

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