



LOXIOl® P 1141

Lubricant

Description

LOXIOl® P 1141 is a partial fatty acid ester of glycerine.

General Appearance

Pale yellowish, liquid

Specified Data

Parameter	Value	Test Method*
Acid value (mg KOH/g)	0 - 1.0	DIN EN ISO 2114 AOCS Te 1a-64
Refractive index (20 °C)	1.472 - 1.475	DIN 51423 AOCS Tp 1a-64
Color Lovibond 1" yellow	0 - 5.0	DGF C-IV 4b AOCS Cc 13e-92
Color Lovibond 1" red	0 - 1.0	DGF C-IV 4b AOCS Cc 13e-92
Saponification value (mg KOH/g)**	178 - 182	DIN EN ISO 3681 AOCS TI 1a-64

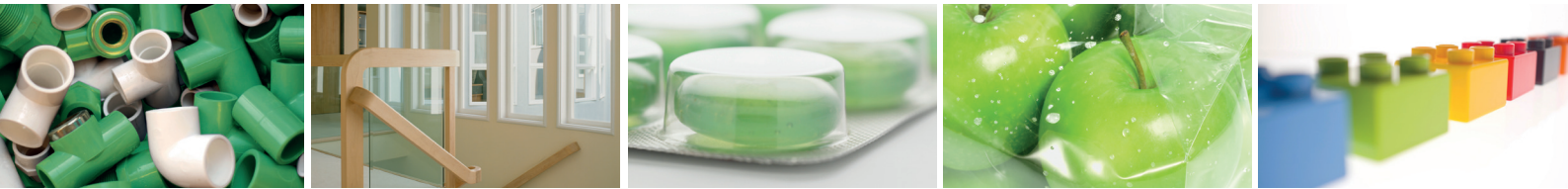
* Test method: DIN (Europe) | AOCS (Asia)

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

Properties and Applications

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

LOXIOl® P 1141 is suitable for processing of rigid PVC, particularly for Sn-stabilized rigid PVC films, manufactured with the calendering or extrusion process.



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 - 110	DIN 53019

Certifications

LOXIOI[®] P 1141 is registered in compliance with the EU REACH regulation. LOXIOI[®] P 1141 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

The recommended storage for LOXIOI[®] P 1141 is at room temperature. Due to its pour-point, the product may begin to titer and become solid at approximately 0 °C. This physical property is specific to the product and will be reversible when heated under mixing. This procedure has no influence on the effectiveness or its application properties. If stored in original sealed packaging, LOXIOI[®] P 1141 should be stable for at least 24 months from the date of manufacture.

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