



LOXIOI® G 40

Lubricant

Description

LOXIOI® G 40 is a neutral wax ester.

General Appearance

Colorless, liquid
Very low odor

Specified Data

Parameter	Value	Test Method*
Acid value (mg KOH/g)	0 - 0.5	DIN EN ISO 2114 AOCS Te 1a-64
Saponification value (mg KOH/g)	122 - 132	DIN EN ISO 3681 AOCS TI 1a-64
Hydroxyl value (mg KOH/g)	0 - 5.0	DIN 53240 AOCS Cd 13-60
Refractive index (20 °C)	1.453 - 1.455	DIN 51423 AOCS Tp 1a-64
Iodine value (g I /100 g)	0 - 2.0	DIN 53241 AOCS Tg 1-64
Viscosity (mPa·s; 20 °C)	28 - 31	DIN 53015 AOCS Ja 10-87
Density (g/cm³; 20 °C)	0.856 - 0.863	DIN 51757 V4 ISO 6883
Pour point (°C)	< 7	ISO 3016
Cloud Point (°C)	< 9	ISO 3015
Color Lovibond 5 1/4" yellow	0 - 2.0	DGF C-IV 4b AOCS Cc 13e-92
Color Lovibond 5 1/4" red	0 - 0.5	DGF C-IV 4b AOCS Cc 13e-92

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

Properties and Applications

- ✓ Internal and external lubricant for PVC
- ✓ Very good compatibility
- ✓ Reduces stickiness
- ✓ Suitable for transparent applications
- ✓ Brilliant surfaces

LOXIOI® G 40 is suitable for rigid PVC processing as well as for plasticized PVC processing. It is also recommended as a lubricant and release agent in SAN and PA.



Recommended Dosage

0.5 - 1.5 phr

Certifications

LOXIOI® G 40 is registered in compliance with the EU REACH regulation. LOXIOI® G 40 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 40 at room temperature and to protect the product against the effects of heat and frost. LOXIOI® G 40 tends to cloudiness when stored below 9 °C and becomes solid at approximately 7 °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, LOXIOI® G 40 should be stable for at least 24 months from the date of manufacture.

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