



LOXIOI[®] G 59

Lubricant

Description

LOXIOI[®] G 59 is a neutral wax ester.

General Appearance

Slight yellowish, solid
Available as powder or beads

Specified Data

Parameter	Value	Test Method
Dropping point (°C)	68 - 72	DIN ISO 2176
Acid value (mg KOH/g)	0 - 1	DIN EN ISO 660
Hydroxyl value (mg KOH/g)	0 - 10	DIN 53240
Color Lovibond 1" yellow	0 - 4	DGF C-IV 4b
Color Lovibond 1" red	0 - 1	DGF C-IV 4b

Properties and Applications

LOXIOI[®] G 59 is a versatile internal lubricant for rigid PVC. Due to its excellent compatibility with the resin it can be added at high dosage. LOXIOI[®] G 59 can be used with various stabilizers, especially calcium/zinc and calcium organic based systems.

LOXIOI[®] G 59 shows a well balanced, mainly internal lubricating effect. It has minimal influence on the gelation time and improves the flow of the polymer melt in complex articles. LOXIOI[®] G 59 can be used for transparent articles. Due to its low volatility it is especially suitable for formulations to reduce plate-out.

Typical applications include injection molded articles and fittings, extruded pipe, window profiles, technical profiles and foamed or compact sheets. LOXIOI[®] G 59 is also a processing additive for vinyl free resins.



Recommended Dosage

0.5 - 2.0 phr

Density

Product Format	Temperature	Measurement
Solid Density	20 °C	0.908 g/cm ³
Powder-Bulk Density	20 °C	0.54 g/cm ³
Beads-Bulk Density	20 °C	0.56 g/cm ³

Certifications

LOXIOI[®] G 59 is registered in compliance with the EU REACH regulation. LOXIOI[®] G 59 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

Bags, 25 kg
Big bags, 900 kg

LOXIOI[®] G 59 can be purchased as liquid material in heated tank-trucks upon request.

Storage and Handling

Recommended storage for LOXIOI[®] G 59 is at room temperature. If the storage temperature exceeds 40 °C, there is potential for agglutination. If stored in original sealed packaging, LOXIOI[®] G 59 should be stable for at least 24 months from the date of manufacture.

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