

Loxanol[®] PL 5830

Product description Polypropylene glycol

Key benefits

- Liquid but polymeric dispersion medium for pigments and other finely divided solids
- Useful as antifoam in various paints and coatings applications

Chemical nature Polypropylene glycol

Properties

Physical form Clear liquid

Technical data

(no supply specification)

Concentration	~ 100 %	
Appearance	at 23 °C	colorless to yellowish liquid
Flash point	ISO 2592	> 200°C
Average molecular weight	~ 900 g/mol	
Viscosity	DIN 51562 (40 °C)	~ 60 mm ² /s

Application

Loxanol[®] PL 5830 is a polypropylene glycol with an average molecular weight of about 900 g/mol.

It can be used as liquid but polymeric dispersion medium for pigments and other finely divided solids. It can also be used as antifoam in various paint and coating applications.

Loxanol[®] PL 5830 is approx. 2 % soluble in water but it is miscible at all ratios with organic solvents such as ethanol or toluene.

Polypropylene glycols are used as intermediates in the manufacture of a wide range of chemical products. They can be used in esterification, etherification, polycondensation and other typical processes in which alcohols participate.

Formulation guideline

The typical dosage depends on the application. We recommend to determine the optimum dosage level of Loxanol® PL 5830 by laboratory trials to achieve optimum performance.

Storage

Loxanol® PL 5830 is hygroscopic to some extent. We do recommend that drums are tightly resealed each time they are opened.

Loxanol® PL 5830 should be blanketed with nitrogen if it is stored in heated tanks (at approx. 50 °C) to prevent it from coming into contact with air. Constant, gentle stirring helps to prevent discoloration as a result of prolonged contact with electrical elements or external heating coils.

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Validity

This Technical Data Sheet is valid for all versions of the Loxanol® PL 5830.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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