

PLURODAC 61

Technical Data Sheet No. 2602 – August 2022



Distribuito da:

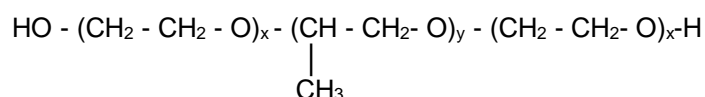


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Product Description

PLURODAC 61 is a block copolymer, based on a central propylene glycol chain extended with polyethylene glycol at both ends. It is manufactured in Terranova dei Passerini (LO) plant.

The chemical structure is the following:



CAS registry no. 9003-11-6

Sales Specification

Property	Test Method	Unit	Guaranteed Value ¹
√ Appearance at 25°C	ASTM D4176	-	Clear liquid
√ Colour	EN 1557	APHA	≤ 100
√ Cloud point (1% in water)	EN 1890	°C	22 – 25
√ pH (5% water-alcohol solution)	EN 1262	-	4,0 – 7,0
√ Free Water (Karl Fischer)	EN 13267	% mass	≤ 0,50

√ value reported on inspection certificate.

¹ specification No. 5100 rev. 2 of July 22th 2022.

Additional Properties

Property	Test Method	Unit	Typical Value
Average Molecular weight	Calculated	g/mol	2.000
Pour point	ASTM D 97	°C	- 40
Viscosity at 25°C	ASTM D7042	cSt	336
Viscosity at 40°C	ASTM D7042	cSt	159
Density at 25°C	ASTM D7042	kg/m ³	1.015
Flash point	ASTM D 93	°C	> 125



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Main Applications

PLURODAC 61 is used as defoaming agent in various fields, including paper, textile and food industry.

Handling and Storage

PLURODAC 61 should preferably be stored in stainless steel tanks.
It is suggested to keep the product at temperature below 30°C, it is preferable to avoid heating above 50°C and to store under nitrogen in order to minimise yellowish phenomena.
PLURODAC 61 is a clear liquid at room temperature it becomes a solid at temperature lower than - 40 °C.
Shelf-life is 36 months from production date for product in its original and sealed packaging.

Packaging

PLURODAC 61 is generally supplied in drums, details on available packaging can be obtained from sales department.

Data regarding safety, transport classes, toxicology and biodegradability of the product can be obtained from the corresponding material safety data sheet.

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