

PLURODAC 62

Technical Data Sheet No. 2603 – November 2015



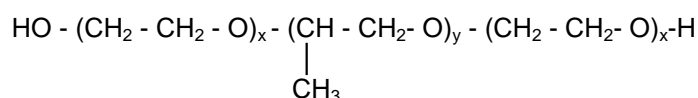
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Product Description

PLURODAC 62 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	Visual	-	Cloudy liquid
√ Colour	MPL 1002.0	APHA	≤ 100
Physical state changement	MPL 1001.0	°C	≤ 0
√ Cloud point (1% in water)	MPL 2001.0	°C	25 – 28
Hydroxyl number	MPL 1010.0	mg KOH / g	45 – 55
Molecular weight	Calculated	g/mol	2.040 – 2.490
√ pH (5%)	MPL 1007.0	-	4,0 – 7,0
√ Free Water (Karl Fischer)	MPL 1006.0	% mass	≤ 0,50

√ value reported on inspection certificate.

¹ specification No. 5110 rev. 1 of June 1st 2001.

Additional Properties

Property	Test Method	Unit	Typical Value
Viscosity at 40°C	ASTM D445 / ASTM D7042	cSt	160
Density at 40°C	ASTM D7042 / ASTM D4052	kg/m ³	1.010
Flash point	ASTM D 93	°C	> 125

RCM and MPL are Sasol Italy analytical methods, internal or referred to international standard. Additional information available upon request.



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Main Applications

PLURODAC 62 is used as surfactant for emulsion polymerization.

Handling and Storage

PLURODAC 62 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 62 is a cloudy liquid at room temperature it becomes a solid wax at temperature lower than 0°C.

Shelf-life is 36 months from production date for product in its original and sealed packaging.

Packaging

PLURODAC 62 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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