

ANIODAC 11P 7-27

Technical Data Sheet No. 4750 – April 2020



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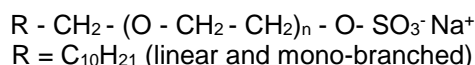


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Product Description

ANIODAC 11P 7-27 is the sodium salt of short chain LIAL 111 fatty alcohol poly-ethoxy sulphate. It is manufactured in Terranova dei Passerini (Lodi, Italy) plant. The chemical structure is the following:



CAS registry no. 219756-63-5
EINECS no. 951-137-6

Sales Specification

Property	Test Method	Unit	Guaranteed Value ¹
√ Appearance at 25°C	ASTM E284	-	Clear liquid
√ Anionic active matter (MW = 586)	ASTM D3049	% mass	26,0 – 28,0
√ Unsulphonated matter (+)	EN 13273	% mass	≤ 5,0
√ pH (5%) (+)	EN 1262	-	7,0 – 9,0
√ Colour (5% active matter)	EN 1557	Klett	≤ 25
√ Sodium sulphate	ISO 6844	% mass	≤ 2,0

√ value reported on inspection certificate.

¹ specification No. 7280 rev. 2 of December 22nd, 2015.

(+) for 100% active matter

Additional Properties

Property	Test Method	Unit	Typical Value
CMC	ISO 43100	ppm	800
Surface Tension at CMC	ISO 43100	mN/m	30
Pour point	Estimated	°C	- 10
Viscosity at 25°C	ASTM D7042	cSt	48
Density at 25°C	ASTM D7042	kg/m ³	1.045
Flash point	ASTM D 93	°C	Not applicable as aqueous solution

**sasol**

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Main Applications

ANIODAC 11P 7-27 is used as anionic emulsifier in emulsion polymerization to produce stable latexes of styrene/acrylate, VAM (vinyl acetate monomer) and copolymers.

ANIODAC 11P 7-27 is used alone or in combination with other surfactant like NONIDAC 11P 30-70.

Handling and Storage

ANIODAC 11P 7-27 should be stored preferably in stainless steel or fibre glass tanks.

ANIODAC 11P 7-27 must be stored at temperature below 40°C. Temperature above 45°C should be avoided, even briefly, because hydrolysis may occur with formation of sulphuric acid. Storage tanks must be heated with water warmed at a temperature below 50°C. The use of steam to warm up the product is absolutely prohibited. In addition contact with acids could cause hydrolysis as well.

ANIODAC 11P 7-27 is a clear liquid at room temperature and it has pour point lower than 10°C.

ANIODAC 11P 7-27 is susceptible to microbial contamination and decomposition by microorganisms. ANIODAC 11P 7-27 is supplied containing a small amount of preservative sufficient for transport and short term storage. If the product is stored for several weeks or months it is recommended to carry out regular check of microbial content. Furthermore careful precautions like clean sampling vessel, sterilized water for dilution, limit prolonged or too often repeated exposure to open air, etc. are necessary to maintain microbiological purity of the product.

Shelf-life is 12 months from production date for product in its original and sealed packaging.

Packaging

ANIODAC 11P 7-27 is generally supplied in plastic 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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