

ANTAROX[®] F 127 NF

TECHNICAL DATA SHEET NA 90071237 – OCTOBER 2018

IDENTIFICATION

Chemical Name: POLOXAMER 407 NF/EP GRADE

CAS Number: 9003-11-6

SPECIFICATIONS

Appearance @ 25 Deg C
pH (2.5% Solution)
Average Molecular Weight
Weight % Oxy-Ethylene, %
Infrared Spectrum
Unsaturation, meq/g
Ethylene Oxide, ppm
Propylene Oxide, ppm
1,4 Dioxane, ppm
Appearance of Solution
Ash, %
Water, %

RESULTS

White or almost white waxy powder or flakes
5.0 – 7.5
9840 – 14600
71.5 – 74.9
Pass
0.031 – 0.065
1 Max
5 Max
5 Max
Meets reference standard
0.40 Max
1.0 Max

METHOD

EP
USP-NF
USP-NF
USP-NF
USP-NF
USP-NF
USP-NF
USP-NF
EP
EP
EP

TYPICAL PROPERTIES

Texture Powder
APHA (50 Wt. % in Methanol) 120 Max
Antioxidant BHT (wt.), ppm 100 Max
Particle Size (Sieve Analysis) NLT 99.5 Wt. % retain on 230 mesh and NLT 50.0 Wt. % retain on 60 mesh

STANDARD APPLICATIONS

ANTAROX[®] F 127 NF is non-ionic copolymer surfactant. It is useful as a solubilizer for water insoluble actives, in a variety of water based personal care formulations, ranging from oral care (mouthwash, toothpastes) to hair care (shampoos, conditioners) and eye care in contact lenses cleaning solutions, where it can help remove lipid films which formed on the lenses. Solvay's ANTAROX[®] F 127 NF conforms to the current NF & EP monograph specifications and is made following appropriate excipient GMP's.

STANDARD PACKAGING

ANTAROX[®] F 127 NF is available in 200 LB. Open Head Fiber Drums. Alternative package sizes may be available upon request.

SHELF LIFE

ANTAROX[®] F 127 NF has a shelf life of 730 days.

WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products. SOLVAY GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of the present document and SOLVAY is at their disposal to supply any additional information.



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