

ANTAROX[®] F 127 NF

TECHNICAL DATA SHEET NA 90071237 – DECEMBER 2019

IDENTIFICATION

Chemical Name: POLOXAMER 407 NF/EP GRADE

CAS Number: 9003-11-6

SPECIFICATIONS

Appearance @ 25 Deg C
APHA Color (50% in Methanol)
Moisture (Karl Fisher), %
Unsaturation, meq/g
pH (2.5 Solution)
BHT, ppm
Ethylene Oxide, ppm
Propylene Oxide, ppm
1,4 Dioxane, ppm
Residue on Ignition, %
Average Molecular Weight
Weight % Oxy-Ethylene, %
Infrared Spectrum
Appearance of Solution
Cloud Point (10% Solution), Deg C

RESULTS

White or Almost White Waxy Powder or Flakes
120 Max
1.0 Max
0.031 – 0.065
5.0 – 7.5
125 Max
1 Max
1.2 Max
1 Max
0.40 Max
9840 – 14600
71.5 – 74.9
Matches Standard
Matches Reference Standard
100 Min

METHOD

EP
RP-8152
EP
USP-NF
USP-NF
RP-0076
RP-8153
RP-8153
RP-8153
EP
USP-NF
USP-NF
USP-NF
EP
RP-8154

TYPICAL PROPERTIES

Particle Size (Sieve Analysis) NLT 99.5 Wt. % retain on 230 mesh and NLT 50.0 Wt. % retain on 60 mesh
Texture Powder

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

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