

JAGUAR® C 162

TECHNICAL DATA SHEET EU 90002010 – MAY 2023

IDENTIFICATION

Chemical Name: GUAR GUM DERIVATIVE
CTFA / INCI Name: HYDROXYPROPYL GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE
CAS Number: 71329-50-5

SPECIFICATIONS

Appearance
Viscosity (1% sol.in water)
Particle size (microns)

Diameter average, µm *
Diameter 10% volume, µm *
Diameter 90% volume, µm *

Moisture, %
pH (1% aq. sol.)
Staphylococcus Aureus *
Pseudomonas Aeruginosa *
Coliforms – E. Coli *
Enterobacteria and Gram negative bacteria *
Total Plate count, cfu/g *
Molds and Yeasts, cfu/g *

RESULTS

Yellowish Fine Powder
300.0 – 1000.0

50.0 – 90.0
45.0 Max
150.0 Max
11.5 Max
8.50 – 10.50
Absent
Absent
Absent
Absent
100 Max.
100 Max.

METHOD

Visual
AN2118

AN2013
AN2013
AN2013
AN3068
AN2118
AN9019
AN9019
AN9018
AN9017
AN9015
AN9016

SPECIFICATIONS GUARANTED BY STATISTICAL PROCEDURE

Sulfuric ashes, % * 6.50 Max. AN3081

TYPICAL PROPERTIES

Substitution level 0.10 – 0.14 (cationic)
Odour Amine-Like
IR Identity test Conform to typical spectrum
Solubility Soluble in Water, gives a clear solution upon acidification
Insoluble in Alcohols and oils



For orders or questions, visit us at www.syensqo.com

STANDARD APPLICATIONS

JAGUAR® C 162 is a cationic derivative of Hydroxypropyl guar with good substantivity to skin and hair.

Ideally suited for skin cleansing formulation, JAGUAR® C 162 provides an excellent skin feel and enhances foam sensorial attributes. In bath and shower gels, liquid and syndet or combo bars; confers protection and a soft feel to the skin.

JAGUAR® C 162 provides moderate conditioning to hair, it brings excellent foam density, improves wet and dry combability and gives a pleasant soft dry hair feel.

JAGUAR® C 162 has a moderate aqueous viscosity and excellent compatibility with anionic and amphoteric systems. It is suitable for transparent formulation for skin and hair conditioning including shampoo, hair & body shampoo, shower gel, body wash, bar and liquid soaps.

Use levels : 0.1 – 1%

Note: Viscosity develops slowly after JAGUAR® C 162 has been dispersed into water under stirring. More rapid viscosity development and hydration can be obtained by acidifying to pH = 3,5-5 (with citric acid for example).

- * Measurement frequency of characteristics for Sulfuric ashes, Particle Size and Microbiology, are based on statistical procedure and analyzed at least every 5 batches

STANDARD PACKAGING

JAGUAR® C 162 is available in 25 KG. Cardboard Boxes and 500 KG. Big Bags. Alternative package sizes may be available upon request.

SHELF LIFE

JAGUAR® C 162 has a shelf life of 730 days.

DISCLAIMER

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. SYENSQO 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 SYENSQO is at their disposal to supply any additional information.