

Technical Datasheet

Polycos CA-3000 ECO

Polycos CA-3000 ECO is a conditioning polymer, derived from natural guar gum. The product is Vegan, COSMOS compliant and produced with a water saving process technology. It is substantive to hair, has a superior effect on wet and dry combability, and enhances foam-boosting properties. It delivers a silky, smooth feel to hair without build up, as well as a soft skin feel. It is ideal for use in shower gel, body wash, liquid soaps, soap bars, shampoos, conditioners, and other personal care products.

Composition	Cationic guar gum
INCI-Name	Guar Hydroxypropyltrimonium Chloride
Appearance	light-yellow fine powder
Odour	Characteristic
Solubility	Cold processable; can be easily dispersed in water; for the hydration no adjustment of the pH-value needed (self- hydrating polymer)
Use level	0.1 - 1.0 %

Physical / chemical data	Specifications			Unit
Viscosity, 1% in water 20 rpm (Brookfield RVT) 2 h. 25°C	2'000	-	4'000	mPas
Further typical physical data	Specifications			Unit
Loss on drying	max.		12	%
pH value of 1% solution	6.0	-	7.5	
Granulation < 75 µm	min.		85	%
Microbiological values	Specifications			Unit
Total plate count	max.		500	cfu/g
Mould and yeast	max.		200	cfu/g

E. coli, Pseudomonas aeruginosa, Staphylococcus aureus,
Candida albicans*

* according to internal analysis plan



The indications in this technical datasheet correspond to our actual knowledge and experience. They describe our product in regard to quality and application but do neither guarantee certain characteristics nor the suitability for a specific application. The user is responsible of all legal regulations including patent law. For warranty, liability and quality conformity please consult our General Sales Conditions.



Packing

Multiwall polytreated paper bags of 25kg net

Storage/Shelf life

When the product is stored under dry and cool conditions, in the unopened original package and in a well ventilated area, the product can be used safely for minimum 24 months. Reaching the 24 months a retest of the material can be conducted to prolong the shelf life by 6 months.

Certificates

Cosmos, Halal, Kosher, Vegan (in processing)

Regulations

This product is in accordance with the specifications of EU and Swiss regulations for additives.

However, it should always be consulted that this product is in compliance with the local regulations in force, particularly in the country where the product is to be used.



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