

## Technical Datasheet

# Polycos CAT-1000

Polycos CAT-1000 is a naturally derived conditioning polymer. It provides high clarity across a wide range of surfactant systems, improves wet combability, and offers effective wet and dry conditioning. The product can be used for a wide range of hair and body care applications. Suitable for silicone, silicone-free as well as sulphate-free shampoo and body wash formulations.

<b>Composition</b>	Cationic guar gum
<b>INCI-Name</b>	Guar Hydroxypropyltrimonium Chloride
<b>Appearance</b>	Off-white fine powder, transparent in solution
<b>Odour</b>	Characteristic
<b>Solubility</b>	Cold processable in ambient water
<b>Use level</b>	0.1-1.0 %

Physical / chemical data		Specifications			Unit
Viscosity, 1% solution 20 rpm (Brookfield RVT) 2 h. 25°C		300	–	1'000	mPas
Further typical physical data		Specifications			Unit
Loss on drying		max.		12	%
pH value of 1% solution		9.0	–	11.0	
Granulation < 75 µm		min.	–	85	
Microbiological values		Specifications			Unit
Total plate count		max.		100	cfu/g
Mould and yeast		max.		100	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.

**Certificate**

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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