

Technical Datasheet

Polycos A-2500 HV

Polycos A-2500 is a multifunctional bio-based, non-ionic, transparent rheology modifier, film former, emulsion stabilizer, and conditioning polymer for skin care and hair care applications. It has good electrolyte tolerance and helps to provide skin conditioning. This polymer is compatible with electrolytes and is stable over a wide pH range. It's also suitable for hydroalcoholic systems.

Composition	Non-ionic hydroxypropylated guar gum
INCI-Name	Hydroxypropyl Guar
Appearance	Off-white fine powder, transparent in solution
Odour	Characteristic
Solubility	Cold processable in ambient water; also soluble in hydroalcoholic solutions (up to 80% ethanol / 60% Isopropanol) and polar solvents like glycerin or glycols
Use level	0.2 - 5.0 %

Physical / chemical data	Specifications			Unit
Viscosity, 1% water 20 rpm (Brookfield RVT) 2 h. 25°C	2'400	–	3'500	mPas
Further typical physical data	Specifications			Unit
Loss on drying	max.		12	%
pH value of 1% water	9.0	–	11.0	
Granulation < 75 µm	min.		85	%
Transmittance (0.5%, 600 nm)	min.		95	%
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.

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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