

JAGUAR[®] HP 105 SGI

TECHNICAL DATA SHEET NA 90076186 – JUNE 2019

IDENTIFICATION

Chemical Name: GUAR GUM DERIVATIVE
CAS Number: 39421-75-5
INCI NAME: HYDROXYPROPYL GUAR

SPECIFICATIONS	RESULTS	METHOD
Protein, %	1.0 Max	RP-1176
Moisture, %	3.5 – 9.0	M-1-4
Particle Size, -150 Mesh	90.0 – 100.0	PS-1-2
pH Inherent 1%	9.0 – 11.0	PH-1-3
Total Alkalinity	23.5 Max	ALK-3-2
Light Transmission	83.0 Min	LT-1-2
2 Hour Viscosity	2500 – 4500	V-60-3
Black Specks	50 Max	BSC-1-2
Appearance	Off White to Light Yellow Powder	DA-17-0
Ash	1.6 Max	ASH-1-0
Gram Negative Bacteria	Negative	RP-1445
Plate Count, CFU/G	500 Max	RP-1410
Mold, CFU/G	100 Max	RP-1445
Yeast, CFU/G	100 Max	RP-1445
Staphylococcus Aureus	Negative	RP-1445

TYPICAL PROPERTIES

Substitution level 0.6

STANDARD APPLICATIONS

JAGUAR[®] HP 105 SGI is a high molecular weight hydroxypropyl (0.6 DS) guar, sustainably sourced from guar farming villages in Rajasthan part of the "Sustainable Guar Initiative" program lead by Solvay". Non-ionic thickening agent effective at low concentrations for transparent formulations. Compatible with cationic surfactants. Good compatibility with electrolytes and stability over a large range of pH. Enables the formulation of hydroalcoholic gels offering a unique "fluid" smooth feel. Allows formulation of transparent gel products which can be pumped/sprayed. Helps stabilize emulsions.



For orders or questions, call us at the following numbers or visit us at www.solvay.com

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(55) 11 37 47 78 86

STANDARD PACKAGING

JAGUAR® HP 105 SGI is available in 25 KG Cardboard Carton. Alternative package sizes may be available upon request.

SHELF LIFE

JAGUAR® HP 105 SGI has a shelf life of 730 days.

WARNING

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



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