

JAGUAR® HP 105

TECHNICAL DATA SHEET NA 90002012 – JULY 2021

IDENTIFICATION

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

SPECIFICATIONS

Protein, %
Moisture, %
Particle Size, -150 Mesh
pH Inherent 1%
Total Alkalinity
Light Transmission
2 Hour Viscosity
Black Specs
Appearance
Ash
Gram Negative Bacteria
Plate Count, cfu/g
Mold, cfu/g
Yeast, cfu/g
Staphylococcus Aureus

RESULTS

1.0 Max
3.5 – 9.0
90.0 – 100.0
9.0 – 11.0
23.5 Max
83.0 Min
2500 – 4500
50 Max
Off White to Light Yellow Powder
1.6 Max
Negative
500 Max
100 Max
100 Max
Negative

METHOD

RP-1176
M-1-4
PS-1-2
PH-1-3
ALK-3-2
LT-1-2
V-60-3
BSC-1-2
DA-17-0
ASH-1-0
RP-1445
RP-1410
RP-1445
RP-1445
RP-1445

TYPICAL PROPERTIES

Substitution level 0.6

STANDARD APPLICATIONS

JAGUAR® HP 105 is a high molecular weight hydroxypropyl (0.6 DS) guar. 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.

STANDARD PACKAGING

JAGUAR® HP 105 is available in 25 KG bags/cartons, 25 KG. Closed Head Fiber Drums, and 1000 LB. Super Sacks. Alternative package sizes may be available upon request.

SHELF LIFE

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

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