

TECHNICAL DATA SHEET

Maha Guar 303

CHEMICAL NAME: Guar Gum Derivative

INCI: Hydroxypropyl guar

CAS Number: 39421-75-5

Applications

Maha Guar 303 is nonionic polymer derived from natural guar gum. Good compatibility with electrolytes and stability over a large range of pH; Optimum compatibility with polar solvents; Thickens ethanol and enables the viscosity of formulations containing high concentrations of polar solvents to be controlled; Smooth skin feel. Helps stabilize emulsions.

Market segment: Hair Care, Skin Care, Home Care

End use: Bath Product, Body Wash, Conditioner, Cream and Body Lotion, Facial Cream, Facial Cleanser, Liquid Soap, Shampoo, Sun care Products, Hand Soap, Hard surface cleanser etc

Functions: Lubricant, Stabilizer, Thickener Use level of 0.5-5% are recommended.

Specifications

| | |
|---|---------------------------------|
| Appearance | Off white to pale yellow powder |
| Moisture | 10% Max |
| Particle Size through US 120 mesh | 99% Min |
| through US 200 mesh | 90% Min |
| Viscosity (mpa.s) | 2500 Min |
| (25°C, 1.0% ,Brookfield, Spindle 4#, 30 RPM) | |
| Transmittance (0.5%, 550nm) | 96% Min |
| pH value | 9.0~ 10.5 |

Packing

25 KG per bag/carton, 40bags/cartons to a pallet

Alternative pack sizes may be available upon request

Shelf life: 1 Year

Usage

Put Maha Guar 303 into the water with stirring, and add organic acid to adjust pH to 4~7, sequentially with agitation, viscosity will be released immediately.

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