

Technical Datasheet

Product name: Satguar-303

INCI: Hydroxypropyl Guar

CAS Number: 39421-75-5

EINECS: 609-675-1

Article No. 121070

Items	Specification
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) 25°C, 1.0%, Brookfield, Spindle 4#, 30 RPM)	2500 Min
Transmittance (0.5%, 550nm)	96% Min
pH value	9.0~10.5

Description:

Satguar-303 is nonionic hydroxypropyl guar derived from natural guar gum. With its high compatibility with electrolytes and hydrophilic liquids, Satguar-303 is ideal for thickening in the formulations.

It also can enhance the skin's resistance to irritations caused by chemical detergent and soften skin surface with smooth feel.

As a multipurpose thickening agent, viscosity modifier, foam stabilizer, it can be used in personal care industry for shampoos, shower gels, styling gels, etc.

Use level of 0.5~5% are recommended.

Applications:

The function of Satguar-303 in cosmetics is identified as antistatic, binding, emulsion stabilizing, film binding, surfactant, and viscosity stimulating.

Storage:

Store between 15°C-20°C in dry and cool places, away from heat, flame, and daylight.

Shelf life:

2 Years