

AOGUBIO Supply 99% Aristoflex AVC

Rheology Modifier

AOGUBIO Aristoflex AVC is a synthetic polymer used as a gelling agent for aqueous systems and as a texturizer and thickener for oil-in-water emulsions. It is pre-neutralized, easy to use and provides formulations with excellent yield value, corresponding to superior stability even in the absence of additional emulsifier. This product has a good compatibility with organic solvents (ethanol, acetone) and is stable towards UV radiation and high shear stress.

Basic Information of Aristoflex AVC:

Chemical Name: Ammonium Acryloyldimethyltaurate/VP Copolymer

Product Function: Rheology modifier

Chemical Type: Synthetic Polymers

Typical usage levels: 0.5 - 2.0%

Appearance: White powder

Company: Xi'an Aogu Biotech Co., Ltd.

pH as supplied: 4 - 6 in a 1% solution

Viscosity: 48000 - 65000 in a 1% solution

Stability: Stable between pH 4 - pH 9

Key benefits of Aristoflex AVC:

- Good stabilization, thickening properties
- Non-ethoxylated
- Fresh and light skin feel
- Cold-processable
- Compatible with organic solvents
- Compatible with silicones

Applications of Aristoflex AVC:

- Oil-in-water (O/W) emulsions
- Clear aqueous gels
- Emulsifier-free cream gels
- Ideal for creams, lotions, milks, gels

Performance Claims of Aristoflex AVC:

- Thickening properties
- Pre-neutralized
- Cold-processable
- Stabilization properties