



JEMINI 100™

POLYMER MODIFIER

DATA SHEET

JEMINI 100™ Polymer Modifier

Product Description

JEMINI 100™ Polymer Modifier is a phthalate free, non-petroleum (organic) based heat-resistant product. This agri-derived liquid does not contribute to fuel load and **enhances flame retardancy** in compounds incorporating additives such as Magnesium Hydroxide and ATH. This environmentally friendly additive has a very low vapor pressure up to 280°C. **JEMINI 100™** can be used as a highly efficient process aid and internal lubricant that helps reduce the physical properties lost in compounds with extraordinary high loadings of fillers which otherwise could not be processed.

Applications

- Non polar plastics when flammability is a concern (e.g. FR PP or PE).
- High temperature processing up to 280°C. Heavily filled polymers

Typical Properties

Appearance
Specific gravity
pH
Viscosity

Typical Value

Light amber liquid
1.02
7.0
~ 500 cps @ RT (at 23°C)

Process Recommendations: A loading level of 3-7% (by weight) is recommended dependent upon base resin and application. To ensure consistent dispersion it is recommended to use a gravimetric, gear pump feeding system and a liquid injector in barrel four.

Health and Safety Information

Product health and safety information may be obtained from the Material Safety Data Sheet (MSDS). For a copy, please call 440-354-2551 or email at: kara.opritza@jji-technologies.com. Before using any product, a customer is advised to review the MSDS of a respective product.

For more information or samples call: 1-877-JJI-FAQS (877-554-3277)
OR visit us online at: www.JJI-Technologies.com