

# JEMINI 100™

Biodegradable Polymers

JJI Technologies, LLC

## Message:

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

General Information		
Additive	Flame Retardant	
	Lubricant	
	Processing Aid	
Features	Flame Retardant	
	Good Processability	
	High Heat Resistance	
	Lubricated	
	Non-Phthalate Plasticizer	
	Renewable Resource Content	
Uses	Plastics Modification	
Appearance	Amber	
Forms	Liquid	
Physical	Nominal Value	Unit
Specific Gravity	1.02	g/cm <sup>3</sup>
pH	7.0	
Viscosity (23°C)	500	mPa · s

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