

**GRANT MGS-ELASTOMER 1148P**  
**SENSORY EXCIPIENT FOR TOPICAL PHARMACEUTICAL APPLICATIONS**

**INCI NAME**

Cyclopentasiloxane (and) Petrolatum (and) Polysilicone-11

**PERFORMANCE**

- Volatile elastomer dispersion in Cyclopentasiloxane
- Addition of USP grade petrolatum provide skin barrier functions
- Polysilicone-11 elastomer acts as non-greasy delivery vehicle
- Provides enhanced aesthetics to formulations
- Delivers excellent non-tacky, non-oily, smooth characteristics
- Stable delivery vehicle for active materials
- Elastomer network offers sebum absorption and control

**FORMULATION**

- Can be formulated into oil-in-water emulsions, water-in-oil emulsions, and anhydrous systems
- Applications include (but are not limited to) topical pharmaceutical formulations, skincare, and sun care
  - Add to the oil phase of all emulsion types

**SPECIFICATIONS**

ATTRIBUTE	UNITS	SPEC RANGE	METHOD
Appearance	N/A	Off-white paste	AP-0176 Grant Industries, Inc.
Viscosity at Amorphous State @ 25°C (Brookfield DV-I+, Spindle TE, 1.5rpm)	cPs	500,000 – 1,000,000	AP-0072 Grant Industries, Inc.
Non-Volatile Matter (105°C, 1.5g, 3hrs, Gravity Oven)	%	19.00 – 23.00	AP-0038 Grant Industries, Inc.
Cyclotetrasiloxane (D4) Content	%	<1.0	AP-0130
Specific Gravity @ 25°C	N/A	0.90 – 0.95	AP-0101
Infrared Spectrum	N/A	Match to standard	AP-200

**RETEST DATE**

After 36 months from manufacturing date we recommend re-testing

**PACKAGING**

 16kg pail  
 180kg drums

**LABELING REQUIREMENTS**

Product – GRANT MGS-ELASTOMER 1148P	Gross Weight (Kg)	Made in the USA
Lot Number	Net Weight (Kg)	GRANT INDUSTRIES INC.
Code # (if required)	Tare Weight (Kg)	125 Main Ave. Elmwood Park NJ 07407
PO#	Ship to Address	
Date of Manufacture	Expiration Date	

 ISSUE DATE: 9/29/2016  
 DATE SUPERSEDED: 3/18/2016

 GRANT SPEC QS049  
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