

SIM 100 DC Simethicone Powder

For Antacid and Anti-Gas Tablets



Our easy to use, SIM 100 DC powder can be used to make tablets along with other excipients or active ingredients. Its high assay allows the formulation of smaller tablets.

- Easy to use powder in directly compressible processes
- High assay as polydimethylsiloxane 57.0-66.5%
- Excellent defoaming activity
- Product dossier available

Suggested Formulation

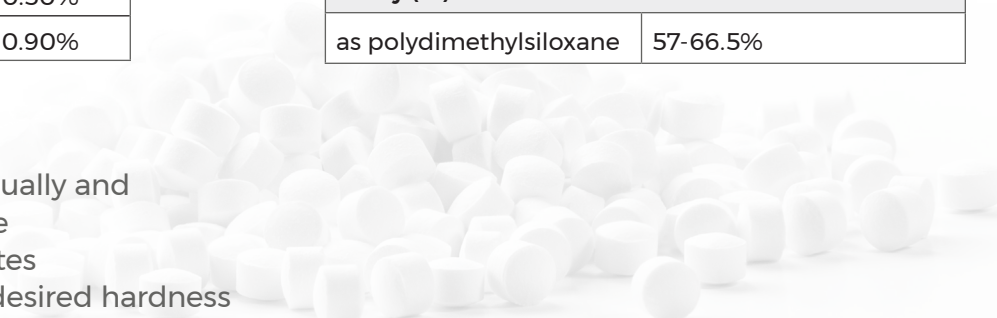
Characteristic	mg/ Tablet
Tablet Weight	650mg
Aluminum Hydroxide Dried Gel USP (50.0% Al ₂ O ₃)	200mg
Magnesium Hydroxide (Mg(OH) ₂)	200mg
Simethicone	25mg

Formula	%
AHMH 3535	86.92%
SIM DC 100	5.92%
Mannogem® EZ (DC Mannitol)	5.76%
Magnesium Stearate	0.50%
Flavor	0.90%

Test Parameter	Specification
Appearance	White powder to granule
Impurity	
Heavy Metal	≤ 20 ppm
Arsenic	≤ 2 ppm
L.O.D. (80C, vacuum)	≤ 5.0%
Particle Size	
1. 20 mesh	100% passed
2. 35 mesh	≤ 5% retained
Assay (IR)	
as polydimethylsiloxane	57-66.5%

Method

1. **Weigh** the components individually and **Screen** using a #20-mesh sieve
2. **Mix** all ingredients for 10 minutes
3. **Compress** the formulation to desired hardness





Excipients for Swallow Tablets



Taste Masked Actives



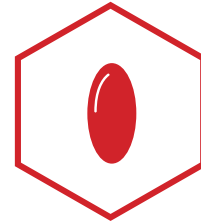
ODTs/ODPs



Effervescent Tablets



Vaccine Adjuvants



Soft Gel Capsules



Antacid & Laxative Ingredients



Chewable Tablets & Lozenges



Nutraceutical Applications

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