

New SPI Pharma Precious Gem Collection

Mannogem[®] Emerald & Onyx

25 μm & 50 μm Powder Mannitol

With Emerald and Onyx compendial mannitol, pharmaceutical formulators now have an alternative source for industry-standard 25 μm and 50 μm mannitol powders for granulation applications.

These specialized mannitol powders have well-controlled and narrow particle size distribution (PSD) for improved granulation consistency. By expanding the number of available supply options, SPI Pharma is helping formulators enhance the efficiency and security of their pharmaceutical supply chains to formulate with greater confidence.

Features & Benefits

- Expanded supply option for 25 μm and 50 μm mannitol powders, previously only available from one supplier
- Partnering with an additional supplier mitigates risks associated with single-sourcing
- Narrower particle size compared to broad PSD mannitol powders, supporting greater formulation consistency and product uniformity
- Enables higher production rates, reduced sensitivity to lubricants, low friability and high binding capacity
- Rapid drying results in shorter processing time and increased productivity
- Melts without decomposition at approximately 165° C with rapid recrystallization upon cooling, helping to improve the solubility of poorly-soluble APIs



Emerald & Onyx | Mannogem® Benefits for Formulators & Patients

Emerald and Onyx provide the same productivity and performance-enhancing qualities of compendial mannitol powders, while expanding the number of global supply options for pharmaceutical formulators.

Quality & Productivity	Patient Value
<p>Improved Formulations Yielding Better Tablets Mannitol's low hygroscopicity helps to maintain product integrity by protecting against moisture.</p>	<p>Convenience & Compliance Create patient-friendly dosage forms that are easier to take and administer, benefiting both patients and caregivers.</p>
<p>Enhanced Manufacturing Efficiency Low sensitivity to press speed and high binding capacity enable higher-rate production of quality, robust tablets at lower compression forces.</p>	<p>Pleasant Mouthfeel & Organoleptics Mannogem powder mannitol dissolves quickly, delivering excellent palatability through a creamy texture and mild sweetness.</p>
<p>Second-Source Supplier Additional supply option helps pharmaceutical formulators secure their supply chains and formulate with confidence.</p>	<p>Therapeutic Innovation Expanded formulation opportunities for the development of innovative, alternative dosage forms that meet patient needs and preferences.</p>

Improve your manufacturing operations, product performance and the patient experience with SPI Pharma's high-performing powder mannitols. Start formulating with Emerald and Onyx today!

Browse our full Precious Gem Collection of mannitol excipients at www.spipharma.com

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