



Parteck® M – directly compressible mannitol



Advanced technology for excellent tableting properties

Mannitol is a sugar alcohol that is especially suitable as an excipient for advanced, highly active APIs due to its non-hygroscopicity and low content of reducing sugars. Merck Millipore's outstanding, directly compressible mannitol Parteck® M is your best choice – especially if your tableting aims at rapid release of high-dose or low-dose actives. Parteck® M has been developed under Merck Millipore's advanced Functional Particle Engineering concept and is available in two different particle size distributions: Parteck® M 100 and Parteck® M 200.

Your benefits

- ▶ Directly compressible mannitol
 - ▶ High compactibility at low compression forces
 - ▶ Rapid disintegration
 - ▶ High dilution potential
 - ▶ EMPROVE® documentation
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Parteck® – excipients with unique properties

Parteck® M belongs to our [Parteck® product family](#) of excipients with unique particle properties developed within our Functional Particle Engineering concept. This concept comprises a number of proprietary technologies which allow us to offer specialty excipients with outstanding functionalities especially for the design of solid dosage forms.

Parteck® M: Directly compressible mannitol

The extraordinary properties of Parteck® M mannitol allow you to press robust, high-quality tablets directly without the need for additives. This way you achieve compact, more concentrated tablets with fewer process steps and only low compression forces – thereby minimizing wear on your tableting equipment. Moreover, the excellent flowability of Parteck® M enables a stable and high-throughput process. And if you wish to use other pharmaceutical technologies such as wet granulation or roller compaction, Parteck® M yields excellent results as well.

Parteck® M for rapid disintegration and fast dissolution

The unique particle structure of Parteck® M and greatly increased surface area compared to standard mannitol facilitate fast disintegration of even the hardest tablets – much faster than tablets containing any other commercially available DC-mannitol. In addition, the release of APIs is accelerated. Its good compressibility and rapid dissolution of actives makes Parteck® M the perfect tableting diluent – in particular for tableting high doses of poorly compressible actives without compromising tablet quality. As a matter of course, Parteck® M is also suitable for low-dose formulation where dose uniformity and mix homogeneity are of utmost importance.

EMPROVE®: Qualification and registration support

Like most Parteck® excipients, our directly compressible mannitol Parteck® M bears the [EMPROVE® exp](#) trademark. [EMPROVE®](#) stands for highest product quality combined with comprehensive regulatory support: Our comprehensive EMPROVE® dossiers offer detailed, usage-specific documentation that support your qualification and registration processes.

For more information, please [contact us](#).