Pharma Solutions

**Avicel® Selection Guide**

A versatile excipient addressing your critical formulation needs.

Functionalities tailored to requirements of dosage form, formulation and technology

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**Nominal Particle Size**

- PH-200
- PH-102 SCG
- PH-102
- SMCC 90
- HFE-102
- CE-15
- SMCC 50
- DG
- PH-101
- PH-105
- PH-103
- PH-113

**Increased Batch Size**

- PH-200 LM

**Increased Flow**

- PH-112

**Decreasing Moisture Content**

- SMCC HD-90
- PH-101
- SMCC 50
- DG
- PH-102

**Increased stability of moisture sensitive drugs**

- PH-103
- PH-113

**NMT** - Not More Than

**Co-processed Avicel®**

- MCC + SiO₂
- MCC + DCP
- MCC + Mannitol
- MCC + Guar Gum

**Avicel® MCC**

- Direct Compression
- Wet Granulation

**Bulk Density, Un-tapped**

- 0.4 g/cc
### Market Trends and Needs

- Use of direct compression, high-speed tableting machines
- Implementation of continuous manufacturing
- Need for safe and reliable drug performance
- Formulation flexibility e.g. immediate, controlled, delayed release
- Increasing demand on excipient’s functionality
- Reliable and simplified supply chain set ups
- Particle engineering and co-processing are attractive tools to meet market needs

With the development of differentiated grades, Avicel® remains an indispensable formulation tool, boosting productivity and meeting tough formulation challenges. Contact DuPont for assistance with choosing the optimal Avicel® grade or for help with your tableting formulation issues.

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**Nutrition & Biosciences**

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