



**Synergies to simplify formulation
challenges, reduce operational costs**

**AVICEL®
CO-PROCESSED
PRODUCT
SELECTION GUIDE**



Where science
& creativity meet

Providing solutions with the leading co-processed excipient portfolio.

Consistent, cost-effective performance Co-processed excipients (CPEs) provide functional synergy with the convenience of reduced testing and scale-up. When manufactured under tightly controlled conditions, CPEs deliver consistent, cost-effective performance and are particularly suited for supporting Quality by Design and continuous manufacturing.

The most trusted excipient IFF's co-processed portfolio is built on Avicel® microcrystalline cellulose, the most trusted excipient brand for decades. By producing Avicel® concurrently with other common excipients, synergies are created above what standard products and blends can offer. We have applied our extensive manufacturing and applications expertise to develop the leading range of co-processed excipients.

Avicel® co-processed excipients offer improved:

- Powder flow
- Content uniformity
- Tablet compactibility
- Lubrication tolerance
- Sensory attributes in chewables
- Suspension properties in liquids
- Highly suitable for continuous manufacturing

Advantages	Product name	Co-processed excipient	Nominal particle size, µm
Improved flow and compactibility	Avicel® SMCC 50	Colloidal Silicon Dioxide	50
	Avicel® SMCC 90	Colloidal Silicon Dioxide	100
	Avicel® SMCC HD 90	Colloidal Silicon Dioxide	100
Improved compactibility, mainly in dry granulation	Avicel® DG	Dicalcium Phosphate	45
Improved flow and decreased lubrication sensitivity	Avicel® HFE-102	Mannitol	100
Improved sensory attributes in chewables	Avicel® CE-15	Guar Gum	75
Superior gel strength and thixotropic behavior for suspensions	Avicel® CL-611	Carboxymethyl Cellulose Sodium	N/A
	Avicel® RC-591	Carboxymethyl Cellulose Sodium	N/A

* NMT = not more than; other specifications comply with pharmacopeial standards.

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