

# CAB-O-SIL® M5 P TABLET PRODUCTION

Our Fumed Silica deliver superior tablet and capsule processing and performance.

Our **CAB-O-SIL® M-5P Fumed Silica** is a key excipient that enhance formulation and processing performance of tablets and capsules. Their benefits include:



- **Powder-free flow:** CAB-O-SIL M-5P excipient function as a free-flow agent or glidant to help improve tablet production efficiencies, tablet uniformity, and tablet hardness. Improved free flow of powders can lead to more efficient filling of capsules.
- **Dry carrier and flavor masking agent:** CAB-O-SIL M-5P and M-5DP excipients can adsorb liquids to produce dry powders. At higher concentrations, they can act as flavor masking agents for chewable tablets.
- **Spray drying aid:** CAB-O-SIL M-5P fumed silica can reduce clogs in spray dryer atomizers and decrease the amount of product sticking to the walls.
- **Moisture adsorption:** CAB-O-SIL excipients can facilitate the stabilization of moisture-sensitive drugs. In granulation processes, CAB-O-SIL products can redistribute the moisture in the mixture, which can help to break up large wet agglomerates.
- **Rheology for capsule filling:** CAB-O-SIL M-5P excipients are ideal for rheology control and thickening of non-polar fluids used to fill capsules. For soft-gel capsules, CAB-O-SIL M-5P fumed silica can help prevent the settling of insoluble ingredients in the liquid or gel prior to and during filling of the capsule.
- **Tablet coating:** CAB-O-SIL M-5P excipients can stabilize pigment suspensions in liquid tablet coatings. CAB-O-SIL excipients can be added to coating powders to improve flow and promote fast drying.

**Cab-O-Sil M-5P Fumed Silica is USP EP IP BP and JP Complied**