

Pharmasperse[®] 416

Orally Dispersible Powder Platform



Pharmasperse[®] 416 orally dispersible platform is specifically engineered for the ready manufacture of orally dispersible powder (ODP) formulations intended for filling into sachets or stickpacks. These highly portable dosage forms offer an attractive alternative to tablet formulations, especially for populations that have difficulty swallowing, such as geriatric and pediatric patients.

Pharmasperse is a versatile drug delivery system comprised of excipients that meet globally accepted compendia. This innovative platform can create patient friendly formulations.



Easy to Dose Powders

The rapid speed to suspension of Pharmasperse demonstrates the fast delivery and therapeutic relief, resulting in better patient outcomes.

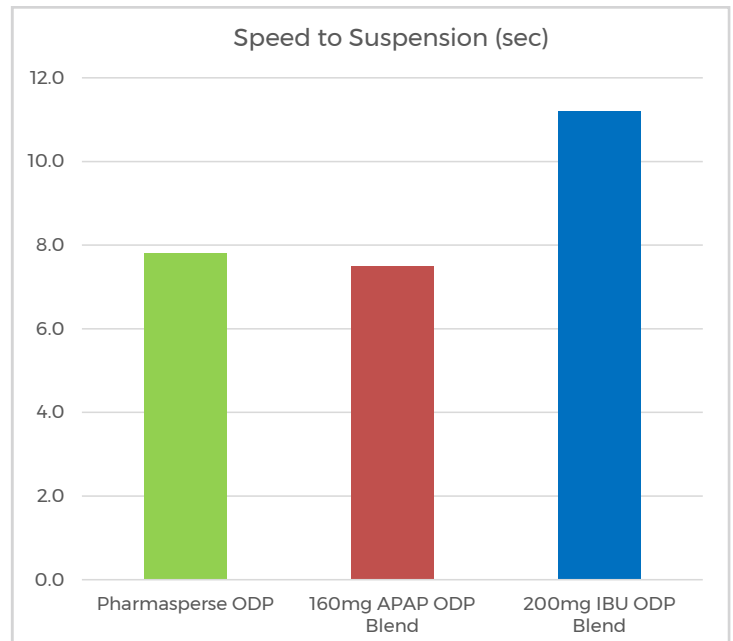
Its low hygroscopicity helps to protect moisture sensitive active pharmaceutical ingredients (API) and can improve the stability of the formulation.

Excellent Organoleptics

Pharmasperse 416 platform provides pleasant taste with a refreshing cooling sensation due to its negative heat of solution. This can help counter the poor taste of some APIs.

The porous nature of Pharmasperse, along with its wetting characteristics, allow it to quickly disperse without agglomeration or over-drying of the mouth.

Figure 1: Fast Therapeutic Relief with Better Patient Outcomes



Consistent Content Uniformity

Pharmasperse 416 platform has uniform particle size distribution to help ensure consistent filling of stickpacks or sachets.

Its high density and low fines help to reduce the risk of a "puffing effect" that may lead to inhalation of the powder.

Pharmasperse has excellent flow, even in high drug loading formulations, for uniform, high speed operations.

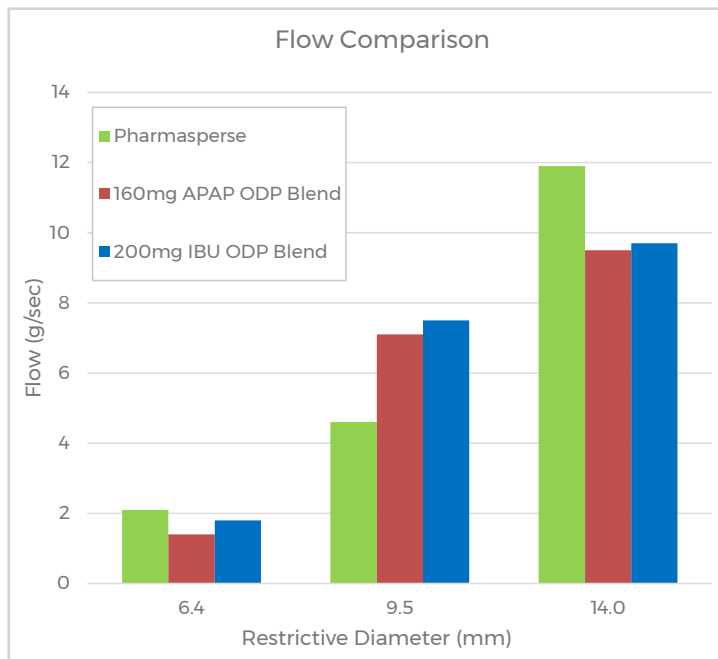
Streamlined Manufacturing Process

Pharmasperse is a preformulated system that streamlines the development and manufacturing process

Less excipients are needed in the formulation, resulting in fewer ingredients to handle, test, and inventory.

Manufacturing with Pharmasperse only requires dry blending with the API and the appropriate levels of sweeteners, flavors, and colors using standard process equipment.

Figure 2: Suited for Uniform, High Speed Operations



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