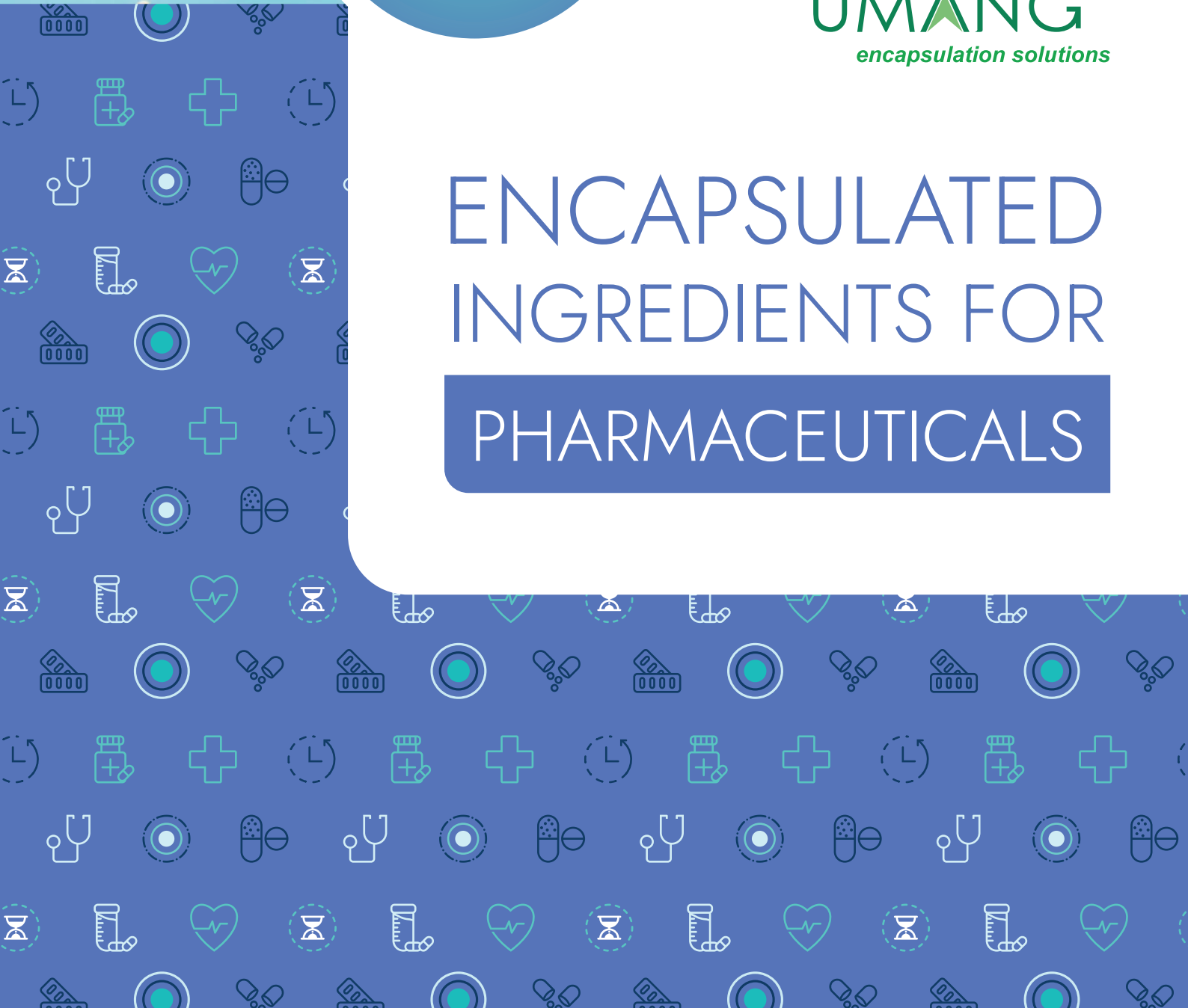




UMANG[®]
encapsulation solutions

ENCAPSULATED INGREDIENTS FOR PHARMACEUTICALS





INTRODUCTION

At Umang Encapsulation Solutions, a proud subsidiary of Umang Global Group Pvt. Ltd., is a trusted leader in pharmaceutical ingredient encapsulation, offering an extensive range of high-quality pellets and granules designed for diverse dosage forms. Our expertise spans solutions for **capsules, liquid-filled capsules, Multiple Unit Pellet Systems (MUPS) in tablets, taste masking for syrups, and sachets**. With over four decades of experience and cutting-edge technology, we deliver precision-engineered products that meet the stringent requirements of the pharmaceutical industry, ensuring efficacy, safety, and patient compliance.

Our pharmaceutical portfolio includes specialized categories such as **Gastrointestinal Pellets, Anti-Obesity Pellets, Endocrinology Pellets, Anti-Inflammatory Pellets, Neurological Pellets, Urological Pellets, Anti-Infective Pellets, Digestive Enzyme Pellets, and Neutral Pellets**. These products are meticulously developed to provide superior functionality, such as controlled release, taste masking, and targeted delivery. By leveraging our advanced R&D capabilities and commitment to quality, we empower global healthcare brands with innovative encapsulation solutions that enhance therapeutic outcomes.

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What We Do?

At Umang Encapsulation Solutions Pvt. Ltd. manufactures high-quality pharmaceutical and neutral pellets for various drugs using advanced encapsulation technology. Our pellets are designed for applications like capsules, MUPS tablets, syrups, and sachets, ensuring consistent performance and therapeutic effectiveness.

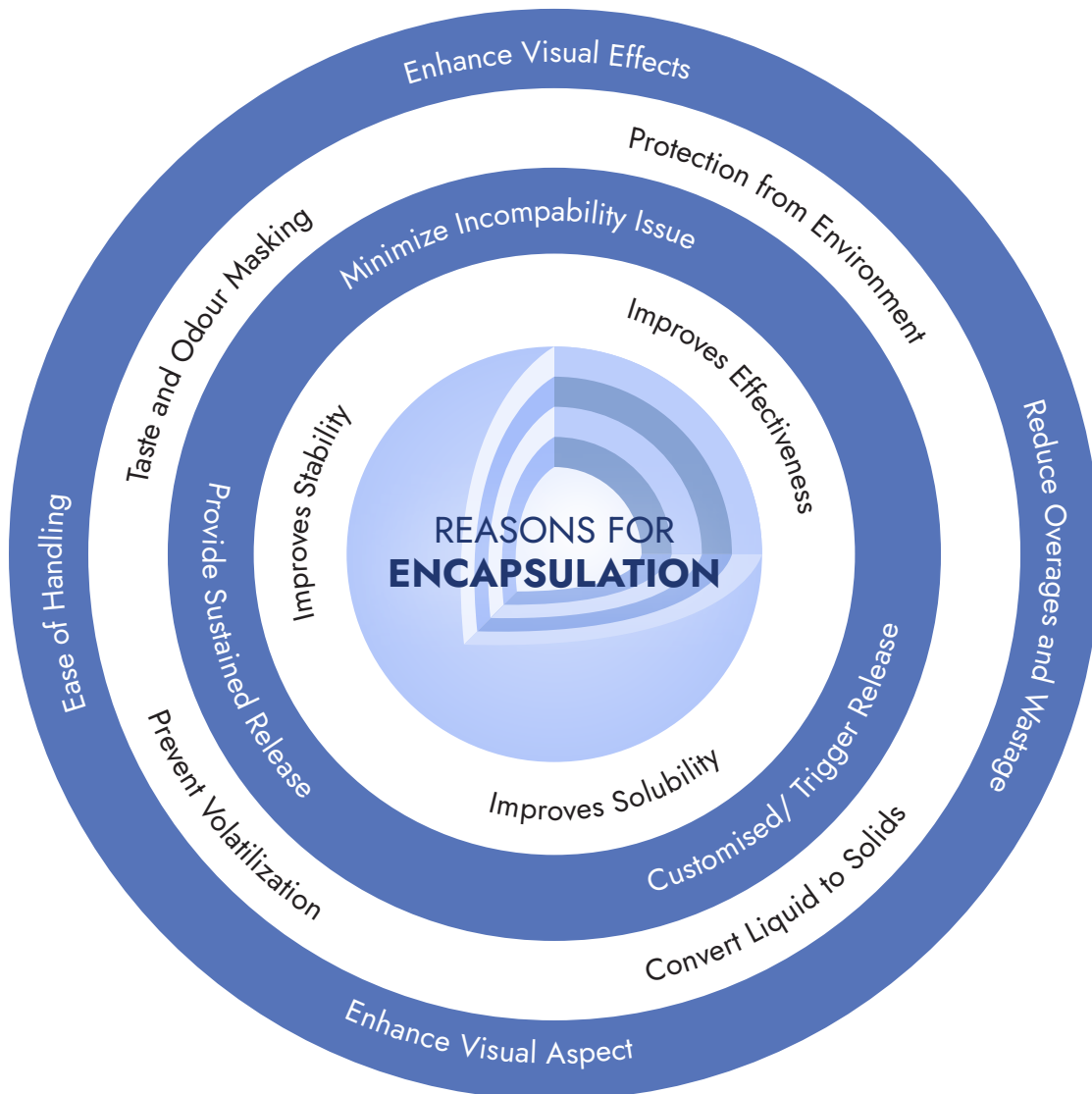
We also provide customization in pellet size, color, and release profiles, including immediate, sustained, and delayed release. With a focus on innovation and quality, we help clients create advanced pharmaceutical formulations for better patient outcomes.



What is Encapsulation?

Encapsulation simply means the process of enclosing an active material in a protective layer or shell.

Why Encapsulation?



GASTROINTESTINAL PELLETS

Esomeprazole EC MUPS (Multi unit particle system)

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 11%, 22.5%	USP	Anti-Ulcerative	Available

Omeprazole EC MUPS (Multi unit particle system)

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 20%, 22.22%	USP	Anti-Ulcerative	Available

Lansoprazole MUPS (Multi unit particle system)

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 12.5%, 15%	USP	Anti-Ulcerative	Available

Pantoprazole Sodium DR MUPS (Multi unit particle system)

Available Percentage	Pharmacopeia	Therapeutic	DMF
15%, 20%	USP	Anti-Ulcerative	Available



GASTROINTESTINAL PELLETS

Dexlansaprazole ER Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 11%, 22.5%	USP	Anti-Ulcerative	Available

Rabeprazole EC Pellets

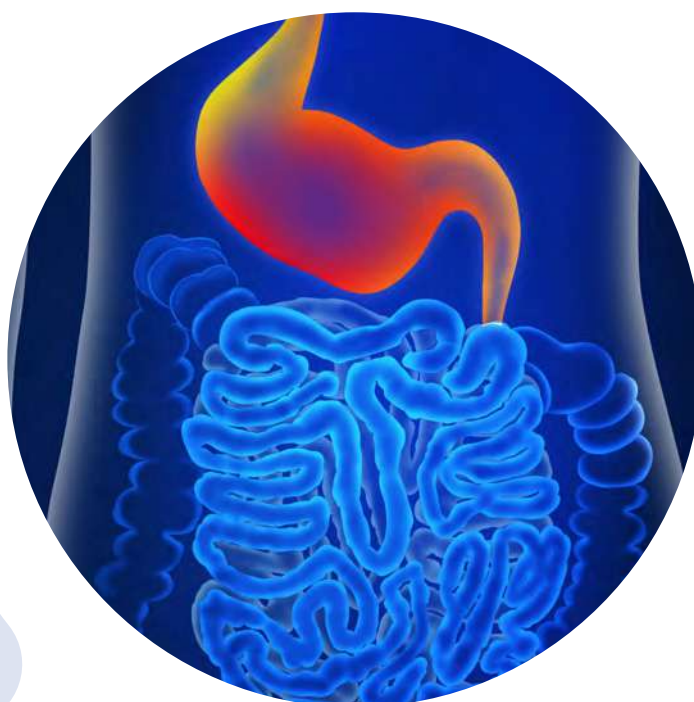
Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 20%, 22.22%	USP	Anti-Ulcerative	Available

Mesalamine ER Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 12.5%, 15%	USP	Anti-Ulcerative	Available

Mebeverine HCL SR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
15%, 20%	Inhouse Specification	Irritable Bowel Syndrome	Available



ANTI-OBESITY PELLETS

Orlistat Drug Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 11%, 22.5%	USP	Anti-Obesity	Available

Fenofibrate IR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 20%, 22.22%	USP	Anti-Obesity	Available

ENDOCRINOLOGY PELLETS

Metformin Hydrochloride SR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
8.5%, 11%, 22.5%	USP	Anti-Diabetic	Available



ANTI-INFLAMMATORY PELLETS

Aspirin DR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
50%, 65%	USP	Anti-Inflammatory	Available

Diclofenac Sodium ER Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
33%, 37%, 40%, 52%	USP	Anti-Inflammatory	Available

Ibuprofen Drug Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
80%, 90%	USP	Anti-Inflammatory	Available

Ketoprofen SR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
60%, 65%, 70%	USP	Anti-Inflammatory	Available

Tolperisone Hydrochloric Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
60%	JP	Anti-Inflammatory	Available



NEUROLOGICAL PELLETS

Metoprolol Succinate ER Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
60%, 65%	USP	Cardiovascular	Available

Propranolol Hydrochloride Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
47%	USP	Cardiovascular	Available

UROLOGICAL PELLETS

Tamsulosin HCL Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
0.133%, 0.1%, 0.178%, 0.16%, 0.2%, 0.4%	USP/BP	Alpha Blocker	Available

Tolterodine Tartrate ER Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
2.1%	USP	Anti-Muscarinic	Available



ANTI-INFECTIVE PELLETS

Clarithromycin Taste Masking Granules

Available Percentage	Pharmacopeia	Therapeutic	DMF
2.7%	BP	Antibiotics	Available

Azithromycin Taste Masking Granules

Available Percentage	Pharmacopeia	Therapeutic	DMF
47%	USP	Antibiotic	Available

Itraconazole Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
22%, 33%, 35%, 40%	USP	Antifungal	Available

Fluconazole Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
50mg, 150mg	USP	Antifungal	Available



DIGESTIVE ENZYMES

PELLETS

Pancreatin EC Pellets 10000 USP/EP

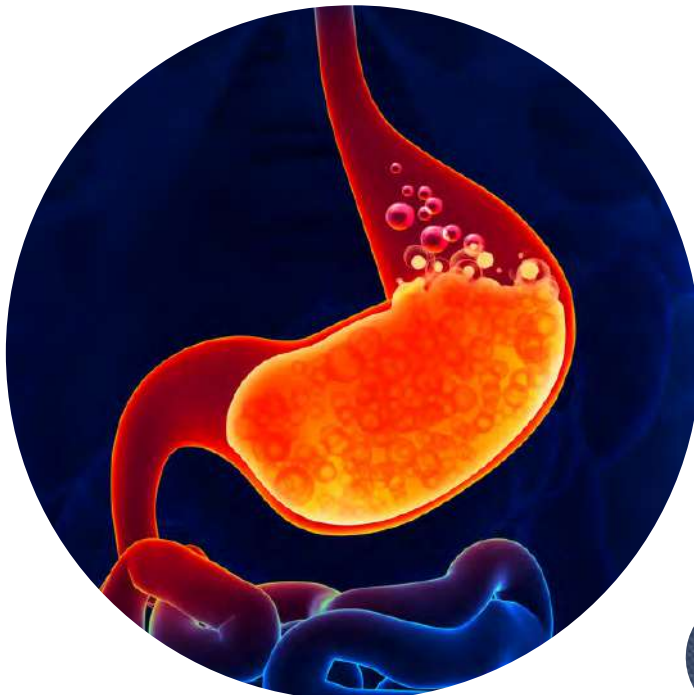
Available Percentage	Pharmacopeia	Therapeutic	DMF
60%, 75%, 89.25%	USP/BP	Digestant	Available

Pancreatin EC Pellets 25000 USP/EP

Available Percentage	Pharmacopeia	Therapeutic	DMF
60%, 75%, 89.25%	USP/BP	Digestant	Available

Pancreatin EC Pellets 40000 USP/EP

Available Percentage	Pharmacopeia	Therapeutic	DMF
60%, 75%, 89.25%	USP/BP	Digestant	Available



NEUTRAL PELLETS

Mannitol Spheres

Available Percentage	Pharmacopeia	DMF
60%, 75%, 89.25%	USP/BP	Available

Calcium Carbonate Spheres

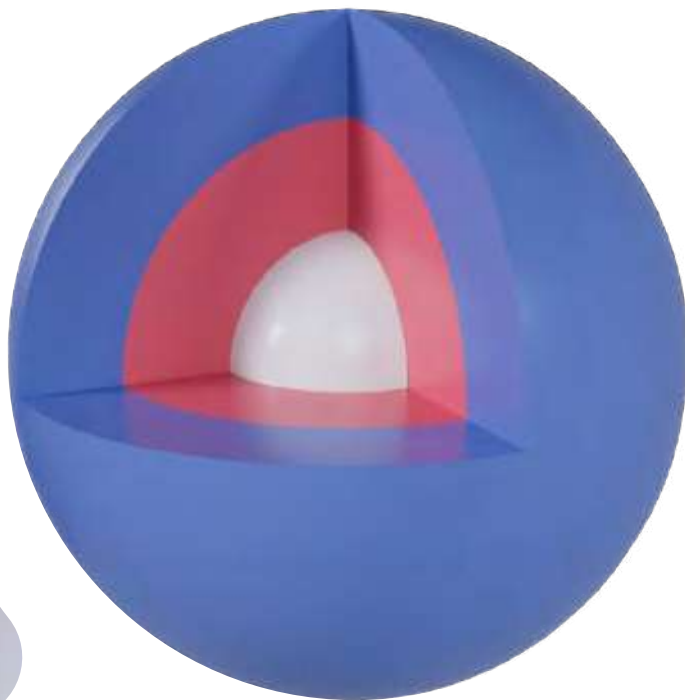
Available Percentage	Pharmacopeia	DMF
60%, 75%, 89.25%	USP/BP	Available

Sugar Spheres

Available Percentage	Pharmacopeia	DMF
60%, 75%, 89.25%	USP/BP	Available

Tartaric Acid Spheres

Available Percentage	Pharmacopeia	DMF
60%, 75%, 89.25%	USP/BP	Available



VITAMINS & MINERALS

Ascorbic Acid IR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
90%	USP/BP	Anti-Oxidant	Available

Ferrous Sulfate IR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
75%,90%	USP/BP	Iron Deficient	Available

Folic Acid Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
50%	USP/BP	Folate Deficient	Available

Carbonyl Iron SR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
50%	USP/BP	Iron Deficient	Available

Dried Ferrous Sulphate & Folic Acid Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
50%	Iron Deficient	Digestant	Available

Ferrous Glycine Sulphate EC Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
60%	Iron Deficient	Digestant	Available



ANTI-DEPRESSANT PELLETS

Venlafaxine Hydrochloride ER Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
33%	USP(capsule) /BP(tablet)	Serotonin & norepinephrine reuptake inhibitor - SNRI	Available

Duloxetine DR Pellets

Available Percentage	Pharmacopeia	Therapeutic	DMF
9%, 14.85%, 17%, 17.65%, 22.5%	USP/BP	Serotonin & norepinephrine reuptake inhibitor - SNRI	Available



Applications



Testing



HPLC



UV



GC



Dissolution

Applications



Liquid Filled Capsules



Sachets



ICP



Tap Density



Stability Study



Loss on Drying

Applications



Taste Masked in Syrups



MCC in Cosmetics as Exfoliators

Certifications



Technology



Extruder

Spheronizer



Technology



Fluid Bed
Multiprocessor

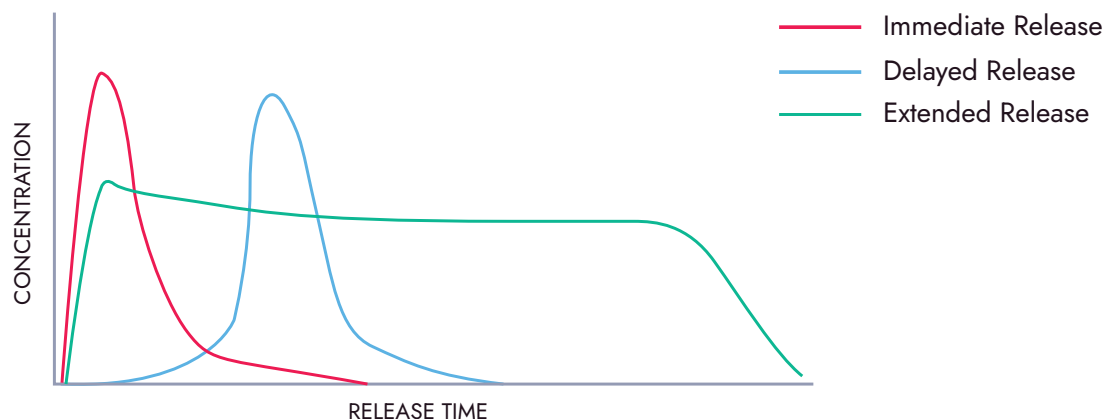
Solid Drug Layering



Our Customization Expertise

We offers a variety of colors, size, release and additives, allowing you to create personalized products that match your clients' style preferences. This flexibility empowers you to provide unique and visually appealing solutions.

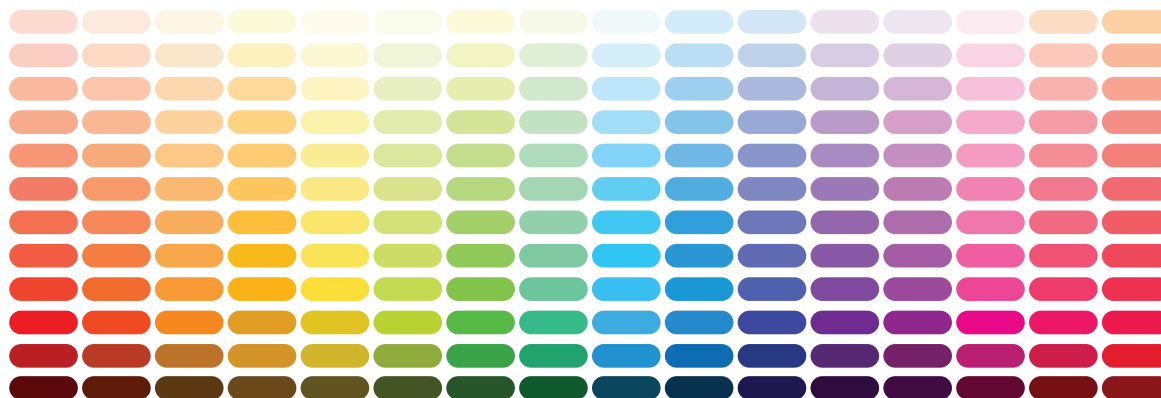
RELEASE : Burst Release & Controlled Release



NOTE: Customize your beads/spheres with tailored active release options and adjustable release times to meet your specific needs.

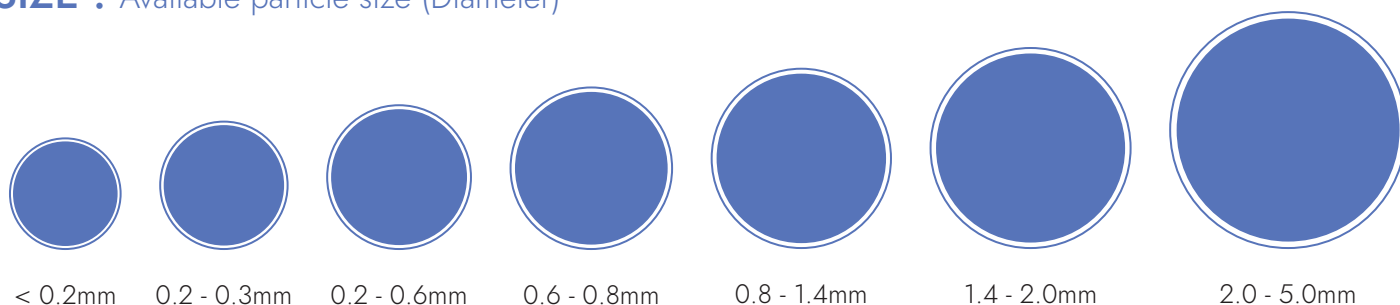
ADDITIVE : Modifications as per individual requirements

COLOR : Available in Natural & Synthetic colors



NOTE: Customize your beads and spheres with our wide range of colors or provide your own for a tailored solution to meet your exact requirements.

SIZE : Available particle size (Diameter)



Your Idea Our Solution...

Share your ideas, and we'll craft the perfect solution tailored to your needs. Together, we turn your customization goals into reality, ensuring seamless and effective outcomes.

Active Percentage needed?
(Single/Multiple)

Physical state of active?

Is the end product needed to be taste masked?

Any special packaging needed?

Is the end product needed to be liposomal or oil soluble.

Is the end product needed to be liposomal or water soluble.

Any special release? such as EC, IR, SR.



Density required?

End Application?

Capsule size required?

Any particular condition to be noted for active, such as active volatility.

Any specific format needed? Granule, micro beadlet, beadlet/powder.

Any specific size. as mentioned in previous page.

Any specific color. Natural/Synthetic.

Our Global Reach



Umang Global Group Pvt. Ltd.
(Engineering)

Umang Encapsulation Solutions Pvt. Ltd.
(Pharma, Nutraceuticals & Food)

Umang Particle Science Pvt. Ltd.
(Personal Care)

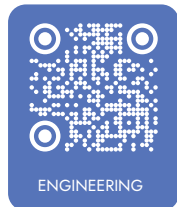
Lab Ultima Process Technologies Pvt. Ltd.
(Spray Drying)



PERSONAL CARE



NUTRACEUTICAL



ENGINEERING



FOOD & BEVERAGES



PHARMACEUTICALS

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Celebrating
43
Years

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