



Lifescience Pvt. Ltd.

Innovation... Quality... Commitment...

Taste masking resin...



Methacrylic Acid Copolymer



Color Ready mix



**Dharacoat**<sup>®</sup>

Methacrylic Acid Copolymer

**Readycoat**<sup>®</sup>

Film Coating Ready Mix

Enteric Coating | Film Coating | Moisture Barrier | Sustained-Release  
Taste Masking | Super Disintegrant



# Dharacoat<sup>®</sup>

## Pharma Polymers

Products	Solubility	Pharmacopoeial Monograph
<b>L 30D-55</b>	pH 5.5 & above	USP/NF : Methacrylic Acid and Ethyl Acrylate Copolymer Dispersion Ph. Eur. : Methacrylic Acid-Ethyl Acrylate Copolymer (1:1) Dispersion 30%
<b>L 100-55</b>	pH 5.5 & above	USP/NF : Methacrylic Acid and Ethyl Acrylate Copolymer Ph. Eur. : Methacrylic Acid-Ethyl Acrylate Copolymer (1:1) Type A
<b>MAE 100P</b>	pH 5.5 & above	USP/NF : Partially-Neutralized Methacrylic Acid and Ethyl Acrylate Copolymer (1:1) Ph. Eur. : Methacrylic Acid-Ethyl Acrylate Copolymer (1:1) Type B
<b>L 100</b>	pH 6.0 & above	USP/NF : Methacrylic Acid and Methyl Methacrylate Copolymer (1:1) Ph. Eur. : Methacrylic Acid-Methyl Methacrylate Copolymer (1:1)
<b>S 100</b>	pH 7.0 & above	USP/NF : Methacrylic Acid and Methyl Methacrylate Copolymer (1:2) Ph. Eur. : Methacrylic Acid-Methyl Methacrylate Copolymer (1:2)
<b>E 100/EPO</b>	pH 5.0 & below	USP/NF : Amino Methacrylate Copolymer Ph. Eur. : Basic Butylated Methacrylate Copolymer

# Readycoat<sup>®</sup>

## Color Ready Mix

Products	Reconstitution System		Application (%)	Examples
	Aqueous	Non-Aqueous		

### Immediate Release formulations

<b>UNIVERSAL</b>	<b>Film coating system</b> 06 to 08 times   12 to 15 times	2.0% to 2.5%*	Ibuprofen, Acetaminophen, Ciprofloxacin HCl, Azithromycin, Fexofenadin HCl, Metformin HCl, Coralcalcium, Cetirizine HCl.
<b>HS</b>	<b>High Speed coating system</b> 02 to 03 times   NA	1.5% to 2.5%*	
<b>AMB</b>	<b>Moisture Barrier coating system</b> 03 to 04 times   NA	2.0% to 3.5%*	Multivitamin, Calcium carbonate, Herbal, B-complex, Clopidogrel Bisulphate, Potassium clavulanate, Montelukast, Ranitidine HCl.
<b>MB</b>	<b>Moisture Barrier coating system</b> NA   15 to 20 times	3.0% to 4.0%*	
<b>SC</b>	<b>Protective Barrier coating system</b> 07 to 10 times   15 to 20 times	2.0% to 3.0%*	Pantoprazole sodium, Rabeprazole sodium, Esomeprazole sodium.
<b>CLEAR</b>	<b>Transparent coating system</b> 05 to 15 times   15 to 20 times	1.0% to 2.0%*	Herbal, Senna, Multivitamin, Diclofenac potassium.
<b>SG</b>	<b>Sugar coating system</b> 02 to 03 times   NA	40.0% to 60.0%*	Bisacodyl, Trypsin and Chymotrypsin, Chloroquine.

### Enteric formulations

<b>EZE</b>	<b>Enteric coating system</b> 04 times   NA	6.0% to 10.0%*	Pantoprazole sodium, Aspirin, Rabeprazole sodium, Sulfasalazine, Esomeprazole magnesium, Sodium valproate, Omeprazole sodium, Bisacodyl, Diclofenac sodium, Sodium bicarbonate, Mesalazine, Charcoal, Bisacodyl, Duloxetine HCl, Naproxen sodium, Garlic, Fish oil softgel, Doxylamine succinate.
<b>EC</b>	<b>Enteric coating system</b> NA   08 to 10 times	7.0% to 10.0%*	

### Specialty Products

**PEARL | GLOW | SWEET | FLAVOUR**

\* Application (%) may differ depending on physical and chemical properties of finished dosage forms.



Products	Advantage	Examples
<b>MB</b>	Designed for highly sensitive products	Potassium clavulanate combinations.
<b>PEARL</b>	High gloss metallic coating	Multivitamin and Multiminerals.
<b>HS</b>	High speed easy to swallow	Calcium carbonate, Coralcalcium, Metformin HCl.
<b>EZE II</b>	Ease of use, low consumption Aqueous Enteric	Aspirin, Naproxen Sodium, PPIs.



## Taste masking Solutions

### Ready to Use Grades

RTU FT	RTU CA	RTU PR	RTU C	RTU ZN	RTU FF
Famotidine	Cefuroxime Axetil	Cefpodoxime Proxetil	Cefixime	Zinc Sulphate	Fexofenadine HCl
RTU CP	RTU AZ	RTU FX	RTU IB	RTU RX	
Ciprofloxacin HCl	Azithromycin Dihydrate	Flucloxacillin Magnesium	Ibuprofen	Roxithromycin	

### Drug Specific Grades

IRP 882 AZ	IRP 882 CP	IRP 641A	IRP 641C	IRP 881D
Azithromycin dihydrate	Ciprofloxacin HCl	Chloroquine phosphate, Quinine sulphate	Cefuroxime axetil, Cefpodoxime proxetil	Desloratidine HCl

**"You Name it,  
We Frame it !"**



**Customise Taste masking  
Development**

### Resin (Pharma Grades)

Products	Pharmacopoeial Monograph	Application
<b>IRP 880</b>	Polacrillin potassium USP/NF	Super Disintegrant/Dissolution Improvement
<b>IRP 691</b>	Sodium Polystyrene Sulfonate USP	Hyperkalemia, Taste masking of Dextromethorphan HBr
<b>IRP 692</b>	Calcium Polystyrene Sulfonate BP	Hyperkalemia





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advantage  
with our brands...

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"You Name it,  
We Frame it !"

Customise  
Polymer  
Development



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