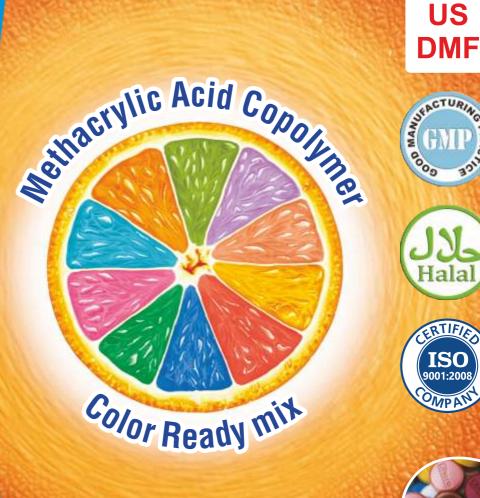




Innovation... Quality... Commitment...







**Methacrylic Acid Copolymer** 



**Film Coating Ready Mix** 

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

# Pharma Polymers ®

# Dharacoat

Products	Dissolution	Pharmacopoeia
L 30D-55	pH 5.5 & above	USP/NF : Methacrylic Acid and Ethyl Acrylate Copolymer Dispersion Ph. Eur. : Methacrylic Acid-Ethyl Acrylate Copolymer (1:1) Dispersion 30%
L 100-55	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
L 100	pH 6.0 & above	USP/NF : Methacrylic Acid and Methyl Methacrylate Copolymer (1:1) Ph. Eur. : Methacrylic Acid-Methyl Methacrylate Copolymer (1:1)
S 100	pH 7.0 & above	USP/NF : Methacrylic Acid and Methyl Methacrylate Copolymer (1:2) Ph. Eur. : Methacrylic Acid-Methyl Methacrylate Copolymer (1:2)
E 100/EPO	pH 5.0 & below	USP/NF : Amino Methacrylate Copolymer Ph. Eur. : Basic Butylated Methacrylate Copolymer

### Color Ready Mix

## Readycoat

Products	Solvent System	Reconstitution	Application				
<b>Immediate</b>	Immediate Release formulations						
UNIVERSAL	Aqueous/Non Aqueous/ Hydroalcoholic Film coating (Wt. gain : 2.0 to 2.5 %)*	Aqueous System (08 times of Powder Wt.) DM Water: 100% (% w/w) Solvent System (15 times of Powder Wt.) IPA: MDC (30:70) (% w/w)	Ciprofloxacin HCl, Azithromycin, Fexofenadin HCl, Metformin HCl, Ibuprofen, Acetaminophen, etc.				
HS	Aqueous Film coating (Wt. gain: 1.5 to 2.5 %)*	Aqueous System (02 times of Powder Wt.) DM Water : 100% (% w/w)	Cetirizine HCl, Metformin HCl, Azithromycin, Acetaminophen, Ciprofloxacin HCl, etc.				
AMB	Aqueous Moisture Protective Film coating (Wt. gain: 3.0 to 3.5 %)*	Aqueous System (04 times of Powder Wt.) DM Water : 100% (% w/w)	Ranitidine HCl, Multivitamin, Calcium, Herbal, B-complex, Clopidogrel Bisulphate, Montelukast, etc.				
MB	Non Aqueous Moisture Protective Film coating (Wt. gain : 3.0 to 3.5 %)*	Solvent System (15 times of Powder Wt.) IPA: MDC (30:70) (% w/w)	Potassium clavulanate, Ranitidine HCl, Clopidogrel Bisulphate, Multivitamin, etc.				
SC	Aqueous/Non Aqueous Hydroalcoholic Barrier Film coating (Wt. gain : 2.0 to 3.0 %)*	Aqueous System (07 times of Powder Wt.) DM Water: 100% (% w/w) Solvent System (15 times of Powder Wt.) IPA: MDC (30:70) (% w/w)	Pantoprazole sodium, Rabeprazole sodium, Esomeprazole sodium, etc.				
CLEAR	Aqueous/Non Aqueous/ Hydroalcoholic Transparent Film coating (Wt. gain : 1.5 to 2.5 %)*	Aqueous System (12 times of Powder Wt.) DM Water: 100% (% w/w) Solvent System (20 times of Powder Wt.) IPA: MDC (35:65) (% w/w)	Herbal, Senna, Multivitamin, Diclofenac potassium, etc.				
SG	Aqueous Sugar Film coating	Aqueous System (02 times of Powder Wt.) DM Water : 100% (% w/w)	Bisacodyl, Trypsin and Chymotrypsin, Chloroquine, etc.				
<b>Enteric for</b>	mulations						
EZE	Aqueous Enteric Film coating (Wt. gain : 6.0 to 9.0 %)*	Aqueous System (04 times of Powder Wt.) DM Water : 100% (% w/w) (Wt. gain : 6.0 to 9.0 %)*	Pantoprazole sodium, Rabeprazole sodium, Esomeprazole Magnesium, Bisacodyl, Diclofenac sodium, Aspirin, Sulfasalazine, etc.				
EC	Non Aqueous/ Hydroalcoholic Enteric Film coating (Wt. gain : 6.0 to 9.0%)*	Solvent System (08 times of Powder Wt.) IPA: 90% (% w/w) DM Water: 10% (% w/w)	Pantoprazole sodium, Rabeprazole sodium, Esomeprazole Magnesium, Bisacodyl, Sodium Valproate, Mesalazine, etc.				

#### **Specialty Products**

• PEARL • GLOW • SWEET • FLAVOUR





ion_x®	Resin (Pharma Grades)						
Bitter taste orotection chemistry	IRP 640	IRP 641	IRP 881	IRP 690	IRP 691	IRP 692	IRP 760
Туре	Weak acid	Weak acid	Weak acid	Strong acid	Strong acid	Strong acid	Weak base
Functionality	-C00-	-COO-	-COO-	-SO₃-	-SO₃-	-SO₃-	Secondary amine
Ionic form	Hydrogen	Hydrogen	Potassium	Hydrogen	Sodium	Calcium	Free base
Matrix	Polyacrylic copolymer	Polyacrylic copolymer	Polyacrylic copolymer	Polystyrene copolymer	Polystyrene copolymer	Polystyrene copolymer	Polystyrene copolymer
Water content (%)	<10	<5	<10	<10	<10	<10	<10
Appearance	White to off white free flowing powder	White to off white free flowing powder	White to off white free flowing powder	Off White to golden yellow free flowing powder	Off White to golden yellow free flowing powder	Off White to golden yellow free flowing powder	White to off white free flowing powder
Pharmacopoeia	In house	In house	Polacrilin potassium USP/NF	In house	Sodium polystyrene Sulfonate USP	Calcium polystyrene Sulfonate BP	In house
Application	Cefixime, Linezolid, etc.	Metronidazole, Ofloxacin, Norfloxacin etc.	Ondansetron, Sildenafil Citrate etc.	Erythromycin ethylsuccinate etc.	Active (hyperkalemia)	Active (hyperkalemia)	Dicloxacillin etc.

ionex <sup>®</sup>				Drug Sp	ecific Grades
Bitter taste protection chemistry	IRP 882 AZ	IRP 882 RX	IRP 882 CP	IRP 641C	IRP 641A
Application	Azithromycin dihydrate	Roxithromycin	Ciprofloxacin HCL	Cefuroxime axetil, Cefpodoxime proxetil	Chloroquine phosphate, Quinine sulphate

ion <sub>C</sub> x <sup>®</sup>	Ready to Use Grades					
Bitter taste or chemistry	Ionex RTU CP	Ionex RTU AZ	Ionex RTU FT	Ionex RTU ZN	Ionex RTU CA	
Application	Ciprofloxacin Hydrochloride	Azithromycin Dihydrate	Famotidine	Zinc Sulphate	Cefuroxime Axetil	
	Ionex RTU PR	Ionex RTU C	Ionex RTU FX	Ionex RTU IB	Ionex RTU RX	
Application	Cefuroxime Proxetil	Cefixime	Flucloxacillin Magnesium	Ibuprofen	Roxithromycin	

ion $\subset X^{\circ}$	Super Disintegrant
Bitter taste protection chemistry	IRP 880
Pharmacopoeia	Polacrilin potassium USP/NF
Application	Super Disintegrant Dissolution Improvement







**Group Companies** 

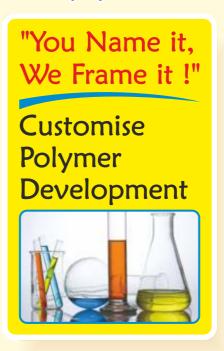


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**Methacrylic Acid Copolymer** 





**Film Coating Ready Mix** 

#### **Dhara Lifescience Private Limited KBH Polymers Private Limited**

where thickening consistency matters!

(Carbomers)

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CIN No.: U24232GJ2007PTC050530 CIN No.: U24232GJ2007PTC050530