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# AAPLANS PHARMA

assured expertise in excipients



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| <b>AAPLAPHOR</b> | <b>AAPLACOAT</b> |
| <b>AAPLAPOL</b>  | <b>AAPLAPILL</b> |
| <b>AAPLAMER</b>  | <b>AAYRON K</b>  |
| <b>AAPLAFIX</b>  |                  |



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# **AAPLAPHOR** castor oil derivatives

**AAPLAPHOR** grades are chemically castor oil derivatives. They are non-ionic solubilizers and emulsifying agents obtained by reacting hydrogenated castor oil with ethylene oxide. They consist hydrophobic and hydrophilic parts. They are almost tasteless and odourless. They are used as solubilizer for fat soluble vitamins, perfumes, essential oils and other hydrophobic pharmaceuticals. They have ability to solubilize or emulsify oil soluble ingredients and convert them into clear transparent solution or soluble respectively. It improves the solubility of poorly soluble drugs (BCS class II and class IV).

Grade	Physical form	INCI	Key Benefits	Application
AAPLAPHOR RH40	Viscous Liquid	PEG - 40 Hydrogenated castor Oil	Low Use Of Level Transparency Improver Volatility Retardant Dissolution Improver	Creams , Lotions , Perfumes , Hair Tonics , Lipsticks , Vitamin Solubilizer , Emulsifier ,  Moisturize , Aerosol Formulations
AAPLAPHOR RH50	Viscous Liquid	PG , PEG - 40 Hydrogenated castor oil	Transparency Improver Improve Moisturizing Effect	
AAPLAPHOR RH60	Viscous Liquid	PEG - 60 hydrogenated castor oil	Higher Solubilisation Capacity Better Emulsion Stability Excellent Emollient	
AAPLAPHOR RH35	Viscous Liquid	PEG - 35 castor Oil	Low Use Of Level Dissolution Improver	

## **SOLUBILIZER**

AAPLAPHOR range improves water solubilizer of major water insoluble products. It is compatible with most of the commonly used ingredients. It helps to solubilize different pharmaceutical active ingredients like Acetaminophen, Bromhexine HCL, Dextromethorphan HBr, Povidone iodine, Loxapine Succinate, Vitamins like vitamin A palmitate, vitamin D, vitamin E acetate etc.

## **DISSOLUTION IMPROVER**

It is generally used 3.0% to 5.0% w/w of API to improve dissolution of poorly soluble active ingredients like Cefuroxime axetil, Albendazole etc. It should be mixed with API with or without heating and then dissolved in vehicle (Aqueous / Non aqueous ).

## **EMULSIFIER**

AAPLAPHOR range is an excellent versatile emulsifying agent. It emulsifies alcohols, mineral oil etc. It emulsifies major hydrophobic substances like fatty acids, fatty alcohols, mineral oil etc

## **MOISTURIZER**

AAPLAPHOR range improves moisturising effect with a soft and supple feeling.

## **TRANSPARENCY IMPROVER**

AAPLAPHOR range solubilizes insoluble oily substances in aqueous system and hence it improves transparency and shining. In cosmetic formulations, it impacts elegance, appearance of products such as shaving gel, hair styling gel, hand wash gel etc. In pharmaceutical syrup formulations, it improves transparency.

## **VOLATILITY RETARDANT**

AAPLAPHOR range retards volatilities of solvents. It can be used for highly volatile products like after shave lotion, perfumes etc. to retain its effect for longer period.

## **FILM FORMER**

AAPLAPHOR range improves film forming capacity and flow properties. Methphor is preferred in cream, lotion, lipstick etc. to improve film forming capacity.

## **MASKING AGENT**

AAPLAPHOR masks unpleasant taste and odor of typical formulations like pharmaceutical syrup containing suspension like artemether and lumefantrine suspension.

## **AEROSOL FORMULATIONS**

Methphor improves solubility of the propellant in aerosol in aqueous phase.

# AAPLAPOL carbomer/ Acrylates copolymer

AAPLAPOL rheology modifiers range is a synthetic high molecular weight cross-linked water soluble polymer of acrylic acid, which is known as “carbomer” it is widely used in cosmetic, Pharmaceutical and household industries. It is a fine powder, which is soluble in water, alcohol and glycols before neutralization. pH of AAPLAPOL grades solution lies between 2.5 to 3.0.

Grade	Physical form	INCI	Key Benefits	Application
AAPLAPOL 940 AAPLAPOL 980	Powder	Carbomer	High Viscosity, Very High Clarity	Hair Styling Gels , Aloe vera Gels , Creams , Peel Off Mask
AAPLAPOL 934 AAPLAPOL 974	Powder	Carbomer	Opaque Gel, Short Flow Properties	Lotion , Toothpastes , Creams
AAPLAPOL 941 AAPLAPOL 971	Powder	Carbomer	Ionic Tolerance, High Clarity Gels	Lotions , Clean Skin Gels
AAPLAPOL 956	Powder	Carbomer	Hydroalcoholic System, Medium Viscosity	Hand Sanitizers , Hydroalcoholic Gels
AAPLAPOL 990	Powder	Carbomer	Fast Wetting, Short Flow Properties	Fuel Gels , Home Care Cleaning System
AAPLAPOL ETD2020	Powder	Acrylates / C10-30 Alkyl Acrylate Cross Polymer	Fast Wetting, High Electrolyte Tolerance	Shampoos , Face Washes , High Electrolyte Gels , Creams , Lotions , Hand Sanitizers
AAPLAPOL ULT10	Powder	Carbomer	Self Wetting , High Viscosity, Desirable Sensorial Performance	Creams , Hair Styling Gels , Lotions , Moisturising Gels
AAPLAPOLULT20	Powder	Acrylates / C10-30 Alkyl Acrylate Cross Polymer	Self Wetting , excellent Clarity, High Electrolyte Tolerance	Shampoos , Face Wash , High Electolyte Gels , Cream Lotions
AAPLAPOL ULT21	Powder	Acrylates / C10-30 Alkyl Acrylate Cross Polymer	Self Wetting, High Viscosity. Superior Asthetic Performance	Creams , High Electolyte Skin Gels , Mosturizing Gels , Lotions
AAPLAPOL TR - 1	Powder	Acrylates / C10-30 Alkyl Acrylate Cross Polymer	Medium Emulsification Capacity Hlb Independent Medium Viscosity	Creams , Lotions , Serums , Sunscreen Products
AAPLAPOL TR - 2	Powder	Acrylates / C10-30 Alkyl Acrylate Cross Polymer	Higher Emulsification Capacity Hlb Independent Low Viscosity	Creams , Lotions , Serums , Cleansing Milk
AAPLAPOL SF - 1	Liquid	Acrylates Copolymer	Easy To Use High Suspending, Value Transparent Gel, Cost Effective	Foaming Facial , Cleansers ,Transparent Shampoos , Baby Shampoos , Shower Gels , Face Washes
AAPLAPOL SF - 2				
AAPLAPOL SF - 12	Liquid	Acrylate Copolymer	Easy To Use Higher Viscosity Transparant Gel, Stable Viscosity In High Alkaline System, High Ion Tolerance	Face wash , Hand Washes , Anti - dandruff Shampoos , Shower Gels , Depilatories Soap Based Formulation , Peel Off Mask
AAPLAPOL Acu22	Liquid	Acrylate / Steareth - 20 Methacrylate copolymer	Use For Surfactant Free Formulation Give Best Strangth To Anionic Surfactants System High Curl Activators And Wave Sets	Hair Gels , Emulsifier Free Formulations , Sulphate Free Formulation, Creams
AAPLAPOL Acu28	Liquid	Acrylate / Steareth - 25 Methacrylate copolymer	High Viscosity, Stable Viscosity, In High Alkaline System, High Salt Tolerance	Hair Gels , Face Washes , Depilatories , Shower Gels , Soap Based Formulations
AAPLAPOL Acu88	Liquid	Acrylate / Steareth - 20 Methacrylate Cross Polymer	High Suspending Value, Higher Viscosity, Curl Activator	Hair Gels , Emulsifier Free Formulations , Sulphate Free Formulations , Creams
AAPLAPOL AT - 100	Liquid	Oleyl Amine Ethoxylate	Acid Compatibility	Toilate Bowl Cleaner , Anti Acne Creams And Lotions
AAPLAPOL ST - 100	Powder	Acrylic Polymer	Pre Neutralized Low Ph Stability	Shampoos , Face Washes , Vaginal Wash
AAPLAPOL 640 NT	Powder	Sodium Carbomer	Pre Neutralized Grade, Quick Gel Former	Creams , Lotions , Aloe vera Gels
AAPLAPOL 641 NT	Powder	Sodium Carbomer	Preneutralized Grade High Viscosity	Transparents Gel , Toothpaste , Moisturising Cream , Lotions
AAPLAPOL SMART 2000 AAPLAPOL SMART 3000	Liquid	Acrylates / Beheneth - 25 methacry late / HEMA crosspolymer - 2	Low Ph Systems, Low Surfactant Systems, Mild Cleansers, Soap - based cleansers.	Hand Soap , Intemate Cleansers , Mild Cleansers / Shampoo

# AAPLAPOL carbomer/ Acrylates copolymer

AAPLAPOL is a functional ingredient serves to be used as oral solid and liquid dosage forms, topical formulations, bioadhesive formulations and bulk laxatives. The polymer provides the following functionality in pharmaceutical applications :

**CONTROLLED RELEASE** : AAPLAPOL Polymers are highly efficient gel matrix formers for controlling drug used in solid doses from the polymer have demonstrated slower drug release at lower concentration than other commercially available excipients, Enabling overall formulation cost lesser with smaller tablet size.

Grades	Pharmacopoeial Monographs	( %) Solution ( at pH 7.3-7.8 )	Viscosity # ( cps )
AAPLAPOL 934P	USP / NF : Carbomer 934P	0.5	29,400 - 39,400
AAPLAPOL 974P	USP / NF : Carbomer Homopolymer Type B , EP : carbomers	0.5	25,000 45,000
AAPLAPOL 971G	USP / NF : Carbomer homopolymer Type A	0.5	4,000 - 11,000
AAPLAPOL 912G	In House		

**RHEOLOGY MODIFIERS** : AAPLAPOL polymers are used at very low concentrations (less than 1%) to produce a wide range of viscosities and flow properties in lotions, creams, gels, oral suspensions and in transdermal gel formulations.

Grades	Pharmacopoeial Monographs	( %) Solution ( at pH 7.3-7.8 )	Viscosity # ( cps )
AAPLAPOL 940	USP / NF : Carbomer 940	0.5	40,000 - 60,000
AAPLAPOL 980	USP / NF : Carbomer Homopolymer Type C	0.5	40,000 60,000
AAPLAPOL 934	USP / NF : Carbomer 934	0.5	30,500 - 39,400
AAPLAPOL 974	In House	0.5	30,500 - 39,400
AAPLAPOL 934P	USP / NF : Carbomer 934P	0.5	29,400 - 39,400
AAPLAPOL 974P	USP / NF : Carbomer Homopolymer Type B EP Carbomer	0.5	25,000 45,000
AAPLAPOL 941	USP / NF : Carbomer 941	0.5	4,000 11,000
AAPLAPOL 971	USP / NF : Carbomer homopolymer Type A	0.5	4,000 11,000

**ORAL CARE** : AAPLAPOL polymers can be used in oral care application such as toothpaste and gels, desensitizing and whitening products. This polymer primarily functions as efficient thickeners and co-binders at low usage level. The viscoelastic structure of AAPLAPOL polymers imparts shear thinning rheology and low thixotropy which enables a clean ribbon of toothpaste to be extruded from the tube,

Grades	Pharmacopoeial Monographs	( %) Solution ( at pH 7.3-7.8 )	Viscosity # ( cps )
AAPLAPOL 980	USP / NF : Carbomer Homopolymer Type C	0.5	40,000 60,000
AAPLAPOL 934P	USP / NF : Carbomer 934P	0.5	29,000 - 39,000
AAPLAPOL 974P	USP / NF : Carbomer Homopolymer Type B EP Carbomers	0.5	25,000 45,000
AAPLAPOL 971P	USP / NF : Carbomer Homopolymer Type A	0.5	4,000 - 11,000

**EMULSIFIERS** : emulsification of tropical of tropical oil-in-water systems even at elevated temperatures with essentially no need for surfactants.

Grades	Pharmacopoeial Monographs	( %) Solution ( at pH 7.3-7.8 )	Viscosity # ( cps )
AAPLAPOL TR - 1	USP / NF : Carbomer copolymer Type B	0.5	10,000 26,500
AAPLAPOL TR - 2	USP / NF : Carbomer copolymer Type A	0.5	4,500 13,500

**SUSPENDING** : suspending of insoluble ingredients in oral and topical liquids/semisolids

Grades	Pharmacopoeial Monographs	( %) Solution ( at pH 7.3-7.8 )	Viscosity # ( cps )
AAPLAPOL ULT31	In House	1	5,500 - 6,000

\*benzene free grades

# Viscosity of neutralized solutions is to be measured at 25 °C and 20 RPM

# AAPLAPOL carbomer/ Acrylates copolymer

Application	Products	Description
Controlled Release	AAPLAPOL 934P	Binding agent
	AAPLAPOL 974P	Binding agent
	AAPLAPOL 971P	High purity grade
	AAPLAPOL 912G	Granular form
	AAPLAPOL 971G	Granular form ( Direct compression grade )
Rheology Modifier	AAPLAPOL 940	Transparent gel
	AAPLAPOL 980	Transparent gel
	AAPLAPOL 934	Opaque gel
	AAPLAPOL 974P	Opaque gel
	AAPLAPOL 941	Low viscosity clear gel
	AAPLAPOL 971	Low viscosity clear gel
Oral Care	AAPLAPOL 980	Transparent gel
	AAPLAPOL 934P	Thickening / suspending / Emulsifying
	AAPLAPOL 974P	Thickening
	AAPLAPOL 971P	High purity grade
	AAPLAPOL 956	Hydroalcoholic gel
Emulsifiers	AAPLAPOL TR - 1	Low emulsification capacity
	AAPLAPOL TR - 2	Medium emulsification capacity
	AAPLAPOL TR - 3	High emulsification capacity
Suspending Agents	AAPLAPOL ULT31	Suspend bulky ingredients
	AAPLAPOL 934P	Suspensions / Emulsions
	AAPLAPOL 974P	Suspensions / Emulsions

# AAPLAMER 3 in 1 liquid polymer

AAPLAMER is an easy to disperse multifunctional 3 in 1 liquid polymers, especially designed to emulsify, thicken and stabilize the oil-in-water emulsion system, which enhances the appearance of personal care formulation. It is HLB independent polymer and efficient to modify rheology of emulsion at low levels. It can be very easily incorporated in gel or cream formulations due to its unique dispersibility properties which allows greater flexibility during processing of formulation.

Grade	Physical Form	INCI	Key benefits	Application
AAPLAMER EC - 1	Viscous liquid	Acrylates Copolymer ( and ) Mineral Oil * ( and ) Polysorbate 85	Multifunctional polymer Preneutralized anionic rheology modifier HLB independent Quick thickening Enhances sensory benefits Low use of level	AAPLAMER EC - 1 Polymer is 27 % solids & AAPLAMER EC - 2 polymer 20 % solid - liquid , pre - neutralized polymer dispersed in oil . it is an easy to use multifunctional polymer designed for use in skin care and sun care oil in water emulsions - gels , creams lotions , sun creams etc. emulsifier / Rheology modifier
AAPLAMER EC - 2	Viscous liquid	Sodium Acrylates Beheneth - 25 Methacrylate Crosspolymer Hydro Generated Polydecene ( and ) Lauryl Glucoside		

\*Substitute of mineral oil available on request

# AAPLAFIX cost effective hair fixative

AAPLAFIX range is a new innovative hair fixative. They are chemically acrylate polymer. They are used in hairstyling gel to improve the hair holding capacity and film foaming at low usage compared to conventional hair fixative polymers. This cost effective range gives long lasting reliable appearance, no flaking and enhanced humidity resistance with improved hair performance in formulation.

Grade	Physical Form	INCI	Key benefits	Application
AAPLAFIX N - 30	Powder	Acrylates polymer	Excellent curl retention Non yellowing and no flaking no stickiness High humidity resistance	Hair styling gels , styling waxes , pump sprays , hair mouses
AAPLAFIX N - 35D	Liquid	Acrylates copolymer	Easy to use Superior hair holding superior humidity resistance high shine	Hair styling gels , hair spray
AAPLAFIX Superhold II	Liquid	Acrylates copolymer	Easy to use flaxative - cum - thickner high viscosity high shine	Hair styling gels , hair spray styling waxes , hair mouses

# AAPLACOAT Methacrylic Acid Copolymer

GRADE	PHYSICAL FORM	DISSOLUTION PROFILE	ADVANTAGES	RECOMMENDED APPLICATIONS
<b>ENERGETIC COATING</b>				
AAPLACOAT L100-55	Powder Aqueous Dispersion	Dissolution at pH 5.5	Smooth And Stable Enteric Coating With Fast Dissolution In The Upper Bowel.	Drug Release in Duodenum Drug delivery in Jejunam
AAPLACOAT L-30 D				
AAPLACOAT L-30 DA				
AAPLACOAT L-100	Powder Organic Solution	Dissolution at pH 6.0	Granulation Of Drug Substances In Powder Form For Controlled Release	
AAPLACOAT L-12.5				
<b>FILM COATING</b>				
AAPLACOAT E-100	Granules Organic Solution	Soluble ingastric juice up to pH5.5	Low Viscosity High Pigment Blinding Excellent Adhesion Low Weight Gain	Insulating coatings for: moisture barrier taste masking Odor masking,light protection
AAPLACOAT E-12.5				
AAPLACOAT EPO				
<b>SUSTAINED-RELEASECOATING</b>				
AAPLACOAT RL-100	Granules	Insoluble	Customized Release Profile By Combinations Of Rl And Rs Grades In Different Ratios Improved Patient Compliance Cost Effective Processing	Sustained release formulation
AAPLACOAT RL-12.5	Organic Solution	High permeability		
AAPLACOAT RLPO	Powder	PH Independent Swelling		
AAPLACOAT RS-100	Granules	Insoluble low permeability		
AAPLACOAT RS-12.5	Organic Solution	PH Independent Swelling		
AAPLACOAT RSPO	Powder			
AAPLACOAT NE-30 D	Aqueous Dispersion	pH independent swelling	Improved Patient Compliance Cost Effective Processing	Sustained release formulations
AAPLACOAT S-100	Powder	Dissolution at pH 7.0	Site Specific Drug Delivery In Intestine By Combination Of AAPLACOAT S Grades Variable Release Profile	Drug delivery in colon
AAPLACOAT S-12.5	Organic Solution			
AAPLACOAT FS-30 D	Aqueous Dispersion			

APPLICATION	PRODUCTS	DESCRIPTION
Enteric Coating	AAPLACOAT L100	Solvent System
	AAPLACOAT L12.5	Solvent System
	AAPLACOAT L100-55	Aqueous System
	AAPLACOAT L100-55N	Aqueous System
	AAPLACOAT L30D	Aqueous System
	AAPLACOAT L30DA	Aqueous System
	AAPLACOAT ERD	Aqueous System
Film Coating Moisture barrier coating Taste masking	AAPLACOAT E100	Solvent system
	AAPLACOAT E100-40	Solvent system
	AAPLACOAT E12.5	Solvent system
	AAPLACOAT SMART SEAL 30D	Aqueous System
Sustained Release	AAPLACOAT E30D	Solvent & Aqueous system
	AAPLACOAT NM30D	Aqueous System
	AAPLACOAT RLPO	Solvent system
	AAPLACOAT RL 1100	Solvent system
	AAPLACOAT RL 30D	Aqueous System
	AAPLACOAT RSPO	Solvent system
	AAPLACOAT RS 100	Solvent system
	AAPLACOAT RS 30D	Aqueous System
	AAPLACOAT S100	Solvent system
	AAPLACOAT S12.5	Solvent system
	AAPLACOAT FS30D	Aqueous System

## AAPLAPILL Ready to use coating material

AAPLAPILL is one step, pre-blended ready to use coating material. It is based on well known pharmaceutically accepted polymers, opacifiers, pigments and plasticizers and is optimized to be compatible with any coating equipment. Our range is available in clear, white and full color range offering all benefits to Pharmaceutical, Nutraceutical and Ayurvedic solid dosage forms. Different shades are made up with quality certified lakes, iron oxides and natural colors. Ready-To-Use Coating Material system is a very cost effective and provides customers with full range of coating solutions.

Application	Products	Discription	Recommend Application
Film Coating	AAPLAPILL FC2S AAPLAPILL FC2A AAPLAPILL Rapid AAPLAPILL FC2AS	Solvent System Aqueous System Aqueous System Solvent & Aqueous system	Fexofenadine , Ibuprofen , Losartan , Norfloxacin , Ofloxacin , Tinidazole etc. Azithromycin , Amlodipine , Amoxicillin , Ciprofloxacin , Cimetidine , Calcium , Cetirizine , Diltiazem , Erythromycin , Aspirin , Pantoprazole , Rabeprazole , Omeprazole , Esomeprazole , Sodium valproate , Diclofenac sodium , Naproxen , Garlic tablets etc.
Enteric Coating	AAPLAPILL EC2S AAPLAPILL EC2A	Solvent system Aqueous System	Ranitidine , Atorvastatin , Vitamins , Ayurvedic tablets etc.
Moisture - barrier Coating	AAPLAPILL MB2S AAPLAPILL MB2A	Solvent system Aqueous System	Vitamins , Ayurvedic , Herbal , Traditional Chinese & Unani medicine tablets etc.
Transparent Coating	AAPLAPILL FC2AS ( Clear ) AAPLAPILL MB2S ( Clear ) AAPLAPILL EC2A ( Clear )	Solvent & Aqueous system Solvent system Aqueous System	Vitamins , Ayurvedic tablets , Herbal , Aspirin , Pantoprazole , Rabeprazole , Omeprazole , Esomeprazole , Sodium valproate , Diclofenac sodium tablets
Seal Coating	AAPLAPILL SC2S AAPLAPILL SC2A	Aqueous System Aqueous System	Vitamins , Ayurvedic , Herbal , Aspirin , Pantoprazole , Rabeprazole , Omeprazole , Esomeprazole , Sodium valproate , Diclofenac sodium tablets
Flavor Coating	AAPLAPILL FL2A	Solvent system	Vitamins , Ayurvedic , Herbal , Traditional Chinese & Unani medicine tablets etc.
Sugar Coating	AAPLAPILL FC2A - B1	Aqueous System	AAPLAPILL is a high gloss , aqueous that
Faster sugar film coating	AAPLAPILL FSC		sugar film coating connects the art of conventional sugar coating with the science and automation of film coating . The result is improved quality and reproducibility , with a high gloss finish delivered in a fraction of the time taken with traditional sugar coating .
Sweet Coating	AAPLAPILL SW2S AAPLAPILL SW2A	Solvent system Aqueous System	Vitamins , Ayurvedic , Herbal , Traditional Chinese & Unani medicine tablets etc.
Pearlescent Coating	AAPLAPILL Pearl	Solvent & Aqueous system	OTC products , Nutraceuticals Herbals , etc.
Gloss Coating	AAPLAPILL Glow	Solvent & Aqueous system	Applicable for film coated products for asthetic value .
Tio2 Free film Coating	AAPLAPILL TFC	Aqueous system	Tablets , gummies , soft gels , hard caps

## AAYRON K Polacrillin Potassium

**AAYRON K-314** is derived from cross linked polymer of Polycarboxylic acids as per USP/NF and has K<sup>+</sup> ionic form. It is a very high purity polymer based pharmaceutical formulations as a super fast disintegrant as well as dissolution improver in solid dosage form like tablets, capsules pellets etc. It is suitable for both wet granulation as well as direct compression system for tablet formulations.

**AAYRON K-314** is a new innovative superfast disintegrant specially design for acidic drugs which enhances disintegration and dissolution formulation.

**Application:** As disintegrating agent: **AAYRON K-314** has a very high swelling tendency of hydration either in contact with water or G.I. fluids causing fast disintegration without the formulation of lumps and thus acts as an effective tablet super disintegrant. Required quantity is from 0.5 % to 4.0 % to get fast disintegration. It can be used during mixing and/or at lubrication stage.

Eg. Immediate release tablets, Herbal tablets, Mouth dissolving tablets etc.

**As Dissolution Improver :** **AAYRON K-314** breaks the tablets into very smaller particles, thus it increases the effective surface area for the absorption of the active substances and thus it increases the dissolution and bioavailability of the active substances. Required quantity is from 2.0 % to 10.0 % for dissolution Improvement.

Eg. Cefuroxime Axetil, Cefpodoxime Proxetil, Atorvastatin Calcium, Telmisartan, Glimepiride, Gliclazide, Ondansetron etc

# AAYRON K cross linked polymer

AAYRON K range is derived from cross linked polyacrylic polymer used in pharmaceutical industry for taste masking of bitter drug and for stabilization of drug. It is white to off white fine powder, swellable in water. Taste masked complex formulations of bitter drug can be used for following formulation: Suspended, immediate and extended release of dry syrup, mouth dissolving tablet/ Dispersible tablet/ Chewable tablet.

Application	Products	Description
Taste - masking of bitter drugs ( Traditional Grades ) ( Polacrilline Potassium ) - ( Calcium polystyrene sulfonate ) - ( sodium polystyrene sulfonate ) -	AAYRON K - 104 AAYRON K - 114 AAYRON K - 134 AAYRON K CPS - 3  AAYRON K SPS - 3 AAYRON K - 159	Cefixime , Lornoxicam , Linezolid etc. Ofloxacin , Norfloxacin etc. Sildenafil Citrate , Ondansetron etc. Erythromycin Ethyl Succinate , Aceclofenac , Hyoscine butyl bromide etc. Hyperkalemia ( as an active ) Erythromycin Stearate etc.
Taste - masking of bitter Drugs ( Drug Specific grades )	AAYRON K - 135 ( AZ ) AAYRON K - 135 ( CP ) AAYRON K - 135 ( RX ) AAYRON K - 134 ( DR ) AAYRON K - 114C AAYRON K - 114A AAYRON K - 114N AAYRON K - 142	Azithromycin Dihydrate Ciprofloxacin Hydrochloriden Roxithromycin Zinc Sulphate , Sildenafil Citrate an Cefuroxime Axetil , Cefpodoxime Proxetilon Chloroquine Phosphate , Quinine Sulphaten Nicotine Polacrilex USP Norfloxacin
Tast - masking of bitter drugs ( Ready to use grades )	AAYRON K - 111N AAYRON K - 112N AAYRON K - 112BN AAYRON K - 113 AAYRON K - 115	Ciprofloxacin Hydrochloride ( 250 mg / 5 ml ) Azithromycin Dihydrate ( 100 mg / 5 ml ) Azithromycin Dihydrate ( 200 mg / 5 ml ) Ibuprofen . ( 100 mg / 5 ml ) Famotidine HCl

## COMPANY INTRODUCTION

**AAPLANS** is one of the world's renowned and fast emerging companies in the field of Acrylic acid based speciality Polymers for industries like Pharmaceutical, Nutraceutical, Cosmetic, Food, Herbal, Ayurvedic etc. It was established in 2023 and located at India's largest pharma belt i.e. Hyderabad (Telangana). AAPLANS has footprint in many countries and by its continuous efforts, new innovations and better services, the company satisfies its customer's expectations and thus is always one step ahead.

### VISION

We aspire to lead the global pharmaceutical and cosmetic excipient industry, by providing unmatched quality at an affordable price.

We pledge to ensure excellence in our contributions to human health and wellbeing.

### MISSION

Our goal is to advance in pharmaceutical and cosmetic science through dedicated research on superior excipients. We are committed to enhancing product functionality using cutting-edge technologies without compromising on quality and customer satisfaction.

### R&D CENTER

- State of art R&D center
- Cost effective and customized solutions
- Continuous innovation with principles of sustainability
- Provides polymers for various applications
- Delivers a broad range of technology based products and solutions

### SERVICES

- \*Speciality polymer Consulting services
- \*Technology transfer speciality polymers
- \*Research & Development (R&D)
- \*Infrastructure Development

### MANUFACTURING FACILITIES

- \*Manufacturing equipments are fully automatic dedicated quality control laboratory equipped with sophisticated instruments
- \*Chemical and microbial testing
- \*Designed to meet stringent requirements of regulated markets

### ACCREDITATIONS

- \*ISO 9001:2015 Certified
- \*cGMP
- \*KOSHER
- \*HALAL
- \*HACCP