

## Sustained/ Delayed Release

Sodium Polystyrene Sulfonate USP / EP

### Principal Application:

- Sustained / Delayed release of Drugs (Dextromethorphan HBr, Pseudoephedrine HCl)
- Treatment of Hyperkalemia

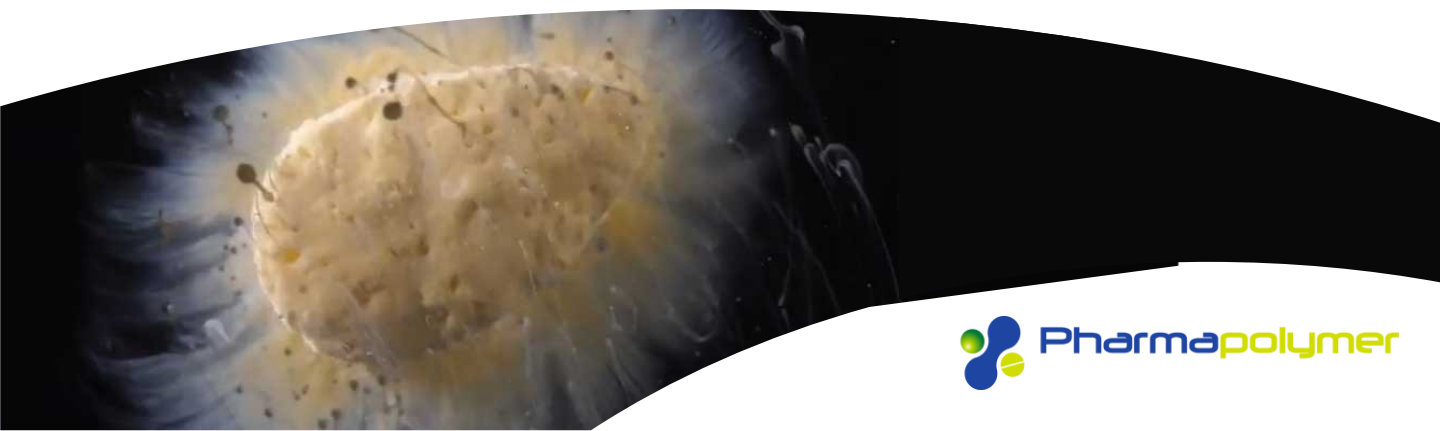
Typical Physical & Chemical Characteristics	
Appearance :	Golden Brown fine powder
Odour :	No specific Odour
Taste:	Characteristic taste
Solubility :	Insoluble in water
Functional Group :	- SO <sub>3</sub> <sup>-</sup> (Sulphonic)
Ionic Form :	Sodium (Na <sup>+</sup> )
Water (By KFR) :	NMT 10.0%
Limit of Ammonium Salts :	Negative to Red litmus
Particle Size : Retained Over BSS 100 # :	NMT 1% (150 µm)
Sodium Contents (By A.A.S.):	NLT 9.4 % and NMT 11.5 %, calculated on dried basis
Styrene :	NMT 1 ppm
Potassium exchange capacity:	Each gram exchanges NLT 110 mg and NMT 135 mg of Potassium, calculated on the anhydrous basis

### Packaging:

25 kg and 50 kg Fibre Drum

### Documents Available:

CEP, DMF



## Full Range of Pharmaceutical Polymers

Speciality Polymers	Active Pharmaceutical Ingredients	Ready Mix & Ready to Use
<b>P-520</b> (Vitamin C Purification)	<b>P-548</b> (Calcium Polystyrene Sulfonate BP/ JP)	<b>P-542 AB (R)</b>
<b>P-535</b> (Separation of Aminoacids, Enzymes & Alkloids)	<b>P-504</b> (Sodium Polystyrene Sulfonate USP/ EP)	Azithromycin Taste Masked (7.5%)
<b>P-545 8X</b> (Dextromethorphan Polistirex Manufacturing)	<b>P-550</b> (Cholestyramine Resin USP / EP)	

Taste Masking	Tablet Disintegration	Control / Sustained Release
<b>P-551</b> (Polacrilex Resin USP)	<b>P-544 DS</b> (Polacrillin Potassium USP)	<b>P-504</b> (Sodium Polystyrene Sulfonate)
<b>P-514</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)	<b>P-544 D</b> (Polacrillin Potassium USP)	<b>P-550</b> (Cholestyramine)
<b>P-542</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)	<b>P-544 DB</b> (Polacrillin Potassium)	
<b>P-542 AB</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)		
<b>P-542 CP</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)		
<b>P-542 D</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)		
<b>P-544 R</b> (Methacrylic co-Polymer with divinyl benzene)		
<b>P-544 DS Cipro</b> (Potassium Salt of Weak Acid Cation Resin)		
<b>P-544 C</b> (Methacrylic acid Polymer with Divinyl Benzene and Acrylic acid, Potassium Salt)		



**doshion**<sup>®</sup>  
Translating Source Into Resource

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