

Polacrilex Resin USP

Excipient

Principal Application:

- Used to manufacture Nicotine Polacrilex USP
- Taste masking of bitter drugs
- Stabilization of Vitamin B12

Typical Physical & Chemical Characteristics	
Polymer Structure	Polacrilex Resin
Appearance / Physical Form	White to off-white Powder
Functional Group	-COO-
Matrix	Methacrylic
Ionic Form	H ⁺
Sodium Content	< 0.2 %
Iron Content	< 100 ppm
Residual Monomer as Methacrylic Acid	NMT 300 ppm
Water extractable impurities	NMT 2.0 %
Exchange Capacity	NLT 10 meq/ gm on dry basis
Particle size:	
> 0.15 mm(+100 BS)	NMT 1%
> 0.075 mm and < 0.15 mm (-100 BSS + 200 BSS)	15 % to 30 %
<0.075 mm (-200 BSS)	69 % to 85 %
< 0.05 mm (- 300 BSS)	NMT 70 %

Packaging:

10 kg, 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
P-520 (Vitamin C Purification)	P-548 (Calcium Polystyrene Sulfonate BP/ JP)	P-542 AB (R)
P-535 (Separation of Aminoacids, Enzymes & Alkloids)	P-504 (Sodium Polystyrene Sulfonate USP/ EP)	Azithromycin Taste Masked (7.5%)
P-545 8X (Dextromethorphan Polistirex Manufacturing)	P-550 (Cholestyramine Resin USP / EP)	

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



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Translating Source Into Resource

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