

GENERAL TECHNOLOGIES, SPC

- High-Quality Services & Products

GT Mixed Bed Resin Model Numbers & Modifier

	Product	Cation	Anion
Gaussian Products			
1	MB-1	Cation, Black	Type-I Anion 7%, A307UP-(OH)
2	MB-2	Cation, Black	Type-I Anion 4%, A304UP-(OH)
3	MB-3	Cation, regular light amber	Type-I Anion 7%, A307UP-(OH)
4	MB-4	Cation, regular light amber	Type-I Anion 4%, A304UP-(OH)
5	MB-5	Cation, black or regular	Type-II Anion (A302)
True Uniform Particle Size Products			
6	MB-3HPLT1	Cation, Dark	Type-I Anion 4%, in (OH) form
7	MB-3HPLT2	Cation, Dark	Type-I Anion 4%, in (OH) form
8	MB-3HPLT3	Cation, Dark	Type-I Anion 4%, in (OH) form

	<p>Mesh Size Modifier</p>
	<p>Gaussian Products:</p> <ul style="list-style-type: none"> * Mixed-bed resin standard mesh size: Cation: 16-30; Anion: 20-40. * STD - resin standard mesh size: 16-50 mesh for both cation and anion. * Uniform: 20-40 for both cation and anion. <p>True Uniform Particle Size Products:</p> <ul style="list-style-type: none"> * True Uniform: cation: 630± 50 μm; anion: 590± 50 μm.
	<p>Effluent Purity Modifier</p>
	<p>Gaussian Products:</p> <ul style="list-style-type: none"> * Standard Grade: >10.0 MΩ·cm with tap water feed, * U - Ultra Pure Grade: >16.0 MΩ·cm with RO water feed, * High purity/Low-TOC: >18.0 MΩ·cm , < 10ppb TOC, in 50 BV (with >16 MΩ·cm DI water as feed water). <p>True Uniform Particle Size Products:</p> <ul style="list-style-type: none"> * HPLT1, High purity/Low-TOC: >18 MΩ·cm , < 13ppb TOC, (Feed Water: Resistivity > 17.5MΩ.cm, TOC < 2 ppb, SV(Space Velocity)=30ml/ml-resin/hour.) * HPLT2, High purity/Low-TOC: >18.1 MΩ·cm , < 5ppb TOC, (Feed Water: Resistivity > 17.5MΩ.cm, TOC < 2 ppb, SV(Space Velocity)=30ml/ml-resin/hour.) * HPLT3, High purity/Low-TOC: >18.2 MΩ·cm , < 1ppb TOC, (Feed Water: Resistivity > 17.5MΩ.cm, TOC < 2 ppb, SV(Space Velocity)=30ml/ml-resin/hour.) <p>Other Notes:</p> <ul style="list-style-type: none"> *Cation regular (7,8,10% gel type). Cation Black (8% or 10% gel),. Cation Dark (8% or 10% gel) * Volumetric ratio: standard 1:1.5. Other ratios available upon request.