



江苏苏青水处理工程集团有限公司

Jiangsu Suqing Water Treatment Engineering Group Co., Ltd.

苏青半导体水处理 2B3T 用离子交换树脂

Suqing Semiconductor Water Treatment 2B3T Ion Exchange Resin

2B3T 是一个包含多种树脂的复合离子交换系统或单元，其核心应用在于对水质进行高效、经济且彻底的去离子处理。该系统通过将不同特性的离子交换树脂组合在一个容器或串联的流程中，发挥协同效应。

2B3T" refers to a composite ion exchange system or unit incorporating multiple resin types. Its core application is to perform highly efficient, economical, and thorough deionization of water. This system leverages the synergistic effects of combining ion exchange resins with different characteristics within one vessel or in a series.

▲ 树脂的物化性能指标(Physical and Chemical Properties)

1. 苏青 SQ-680EG 强酸阳离子交换树脂

Suqing SQ-680EG Strong Acid Cation Exchange Resin

项目		SQ-680EG	
总交换容量(Total Capacity)	mmol/ml≥	2.0	
含水量(Water Retention)	%	43-48	
湿视密度(Density)	g/ml	0.78-0.85	
湿真密度(Bulk Density)	g/ml	1.25-1.30	
粒度范围(Particle Size)	≥95%	0.4-1.25 mm	0.55-0.75 mm
有效粒径(Effective Size)	mm	0.5-0.7	0.6-0.7
均一系数(Uniformity Coefficient)	≤	1.6	1.2
转型膨胀率(Swelling, Na→H)	%≤	10	
磨后圆球率(Whole Beads after Attrition) %≥		95	
工作交换容量(Working Capacity)	mmol/L≥	900	
出厂型态(Shipping Ion Form)		Na	

2. 苏青 SQD-813EG 弱酸阳离子树脂

Suqing SQD-813EG Weak Acid Cation Exchange Resin

项目		SQD-813EG	
总交换容量(Total Capacity)	mmol/ml≥	4.3	
含水量(Water Retention)	%	45-52	
湿视密度(Density)	g/ml	0.72-0.80	
湿真密度(Bulk Density)	g/ml	1.14-1.20	
粒度范围(Particle Size)	≥95%	0.45-1.25 mm	0.5-1.0 mm
有效粒径(Effective Size)	mm	0.5-0.7	0.055-0.65
均一系数(Uniformity Coefficient)	≤	1.6	1.35
转型膨胀率(Swelling, H→Na)	%≤	60	
渗磨圆球率(Osmotic Whole Beads after Attrition) %≥		95	
工作交换容量(Working Capacity)	mmol/L≥	2000	
出厂型态(Shipping Ion Form)		H	

3. 苏青 SQ-740EG 强碱阴离子交换树脂 Suqing SQ-740EG Strong Base Anion Exchange Resin

项目		SQ-740EG	
总交换容量(Total Capacity)	mmol/ml≥	1.2	
含水量(Water Retention)	%	50-60	
湿视密度(Density)	g/ml	0.66-0.71	
湿真密度(Bulk Density)	g/ml	1.06-1.10	
粒度范围(Particle Size)	≥95%	0.4-1.25 mm	0.5-0.7 mm
有效粒径(Effective Size)	mm	0.5-0.7	0.55-0.65
均一系数(Uniformity Coefficient)	≤	1.6	1.2
转型膨胀率(Swelling, Cl→OH)	%≤	25	
磨后圆球率(Whole Beads after Attrition)	%≥	95	
工作交换容量(Working Capacity)	mmol/L≥	450	
出厂型态(Shipping Ion Form)		Cl	

4. 苏青 SQD-93EG 弱碱阴离子交换树脂 Suqing SQD-93EG Weak Base Anion Exchange Resin

项目		SQD-93EG	
总交换容量(Total Capacity)	mmol/ml≥	1.4	
含水量(Water Retention)	%	50-60	
湿视密度(Density)	g/ml	0.65-0.72	
湿真密度(Bulk Density)	g/ml	1.03-1.09	
粒度范围(Particle Size)	≥95%	0.45-1.25 mm	0.5-1.0 mm
有效粒径(Effective Size)	mm	0.5-0.7	0.55-0.65
均一系数(Uniformity Coefficient)	≤	1.6	1.35
转型膨胀率(Swelling, 游离胺→Cl)	%≤	18	
渗磨圆球率(Osmotic Whole Beads after Attrition)	%≥	90	
工作交换容量(Working Capacity)	mmol/L≥	800	
出厂型态(Shipping Ion Form)		游离胺(free amine)	

5. 苏青 QL-2HP 高纯惰性树脂 Suqing QL-2HP High Purity Inert Resin

项目		QL-2HP
基质(Matrix)		聚丙烯(PP)
湿视密度(Density)	g/ml	0.55-0.60
湿真密度(Bulk Density)	g/ml	0.9-0.98
粒度范围(Particle Size)	%	(1.3X1.4mm)≥95

▲ 包装(Packing) 50 升/桶装 (50L/Drum)

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