



江苏苏青水处理工程集团有限公司

Jiangsu Suqing Water Treatment Engineering Group Co., Ltd.

苏青均粒 SQ-60C 和 SQ-70A 阳阴离子交换树脂 Suqing UPS Resins Cation SQ-60C and Anion SQ-70A

SQ-60C 和 SQ-70A 均粒树脂采用了现代化工艺和设备、自动操控喷射式制备白球，具有产品粒度均一，均一系数达到国内领先水平，渗磨强度远高于悬浮聚合工艺，并具有抗氧化性能好，周期处理能力大，使用寿命长等特点。

SQ-60C and SQ-70A UPS resins adopt modern technology and equipment; also use automatically control jet technology to produce polymer beads. They have uniform particle size and uniformity coefficient reaching the leading domestic level. The osmotic-strength is much higher than the suspension polymerization process, also has anti-oxidation. It has the characteristics of good performance, large cycle processing capacity and long service life.

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

项目	SQ-60C	SQ-70A
体积交换容量(Volume Exchange Capacity) meq/ml $\geq$	2.00	1.30
功能基团(Functional Group)	-SO ₃ H	-CH ₂ N(CH ₃) ₃ +Cl ⁻
含水量(Water Retention) %	43-49	49-55
湿视密度(Density) g/ml	0.77-0.87	0.65-0.75
湿真密度(Bulk Density) g/ml	1.27-1.31	1.05-1.10
粒度范围(Particle Size) mm	0.60 $\pm$ 0.05	0.58 $\pm$ 0.05
均一系数(Uniformity Coefficient) $\leq$	1.10	1.10
渗磨圆球率(Osmotic Whole bead after Wearing) % $\geq$	90	90
出厂型式(Shipping Form)	Na	Cl
外观(Appearance)	金黄色透明球状颗粒 Golden transparent spherical particles	淡黄色透明球状颗粒 Light yellow transparent spherical particles

▲ 企业标准(Enterprise Standard)

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▲ 树脂再生方法(Regeneration Method)

将阴阳树脂装填后清洗干净，阳树脂 SQ-60C 用 3-4%的盐酸溶液再生，阴树脂用 3-5% 的氢氧化钠溶液再生，用量为树脂床体积的 3 倍，再生流速为 4m/h.

Rinse the anion and cation resin after loading. The cation resin SQ-60C is regenerated with 3-4% HCl solution. The anion resin is regenerated with 3-5% NaOH solution, quantity is about 3 times of the resin bed volume, and the regeneration flow rate is 4m/h.

▲ 包装(Packing)

25Kg、25L 编织涂膜袋，或 1 立方大包。

25Kg, 25L woven coating bag, or 1 cubic bag.



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