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## **D001SC macroporous strong acid styrene cation exchange resin**

### **1. Product characteristic**

This product is styrene and divinyl benzene cross linked copolymer molecule with sulfonic acid group ion exchange resin.. It's acidity is equal to sulfuric acid and hydrochloric acid. It has the features of high strength and high exchange capacity.

### **2. Corresponding foreign mark**

Purolite C150; Amberlite Amb252; Bayer SP112; Dow Dowex MSC-1.

### **3. Carried standard**

GB13659-92 DL519-93 SH2605.01-1997 Q/JH105-2002

### **4. Physical and chemical property**

Item	D001SC
Mass total exchange capacity mmol/g(dry)	≥4.35
Volume total exchange capacity (mmol/ml)	≥1.80
Moisture content %	45.00-55.00
Wet apparent density (g/ml)	0.77-0.85
Wet true density (g/ml)	1.23-1.28
Particle size(%)	(0.63-1.25mm)≥95.0

Leave factory form:Na+ Appearance: light brown to brown opaque particle

### **5. Application**

It is mainly used for water softening, pure water preparation, hydrometallurgy, rare metal separation,antibiotics extraction, etc.

### **6. Package and storage**

This product is packaged by woven bag lined with plastic sheets. 25kg or 25L per bag. It can also be packaged by plastic drum or other container according to customer's demand.

This product is dangerous goods.the storage temperature is 5-40℃. It is forbidden to dehydration,exposure..