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001×8FD strongly acidic 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's. It has the features of high strength and high exchange capacity.

2. Corresponding foreign mark

Amberlite SR1L; Dow HCG-S(E); Bayer S100 ; Purolite C100; KY 2-8

3. Physical and chemical property

| Item | 001×8 FD |
|--|-------------------|
| Mass total exchange capacity mmol/g(dry) | ≥ 4.40 |
| Volume total exchange capacity (mmol/ml) | ≥ 2.0 |
| Moisture content % | 43 - 48 |
| Wet apparent density (g/ml) | 0.78 - 0.88 |
| Wet true density (g/ml) | 1.25-1.30 |
| Particle size(%) | 0.315-1.25mm ≥95% |

Appearance: gold yellow to tan sphericity particles

4. Application

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

5. 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 other container according to customer's demand.

This product is not dangerous goods. the storage temperature is 5-40°C.

It is forbidden to dehydration, exposure.