

201×7(717) strong base styrene anion exchange resin

Standard :GB13660-92

There are $[-N(CH_3)_3]$ groups on styrene -ene benzene polymer, its alkalinity is similar to quaternary ammonium alkali, It offer ion exchange capacity in basic, acid and neutral condition. It offer fast speed and good mechanical strength.
brand 717#, is similar to USA :Amberlite IRA-400; Japan :Diaion SA-10A,

Specification :

1. Appearance: light yellow to golden global granule
2. Type : Cl type
3. Properties :

No.	Index name	Value
1	Moisture %	42-48
2	Complete exchange capacity (mmol/gdry)	3.6
3	Wet apparent density (g/ml)	0.66-0.75
4	Wet true density (g/ml)	1.06-1.11
5	Grain size(0.315-1.25mm)	≥ 95
6	Sphere rate after abrasion %	≥ 95

- Application standard:
1. PH :1-14
 2. Max operation temperature :OH type $\leq 40^\circ\text{C}$, Cl type $\leq 80^\circ\text{C}$
 3. Shaping dilatibility%:($\text{Cl}^- \rightarrow \text{OH}^-$) $\leq 18-22$
 4. Resin height :1-3m
 5. Concentration of actified solution :NaOH:4%; HCl:4-5%
 6. Dosage of actified solution :HCl(4-5%) volume:resin volume =2-3:1
NaOH(4%) volume:resin volume =2-3:1
 7. Flow of actified solution :4-6m/h
 8. Regeneration contact time :60min
 9. Conventional well-flushing flow :15-25m/h
 10. Conventional well-flushing time : about 20min
 11. Operational flow:15-25m/h

Uses :

used in water purification , high water purification , water treatment , bio chemicals ,