

JIANGSU SUQING

WATER TREATMENT ENGINEERING GROUP CO., LTD

316 POLYACRYLATE WEAK BASE ANION EXCHANGE RESIN, GEL TYPE

1.0 Indexes of Physical and Chemical Properties:

Designation	316
Volume Exchange Capacity meq/ml \geq	1.6 min
Water Retention %	50-60%
Bulk Density g/ml	0.65-0.75
Specific Density g/ml	1.02-1.12
Particle Size %	0.315 -1.25mm
Uniformity Coefficient \leq	1.7
Appearance	White to light yellow
Ionic Form Supplied	Free Amine

2.0 Application

Clear gel type weak base. High resistance to organic fouling. Mainly used in the recycling treatment of water containing much organic substances.

3.0 Reference Indexes for Operation:

3.01 PH Range:	1-9
3.02 Max. Operating Temp (°C):	40°C
3.03 Working Capacity :	25°C \geq 900mmol/l(wet)
3.04 Maximum Reversible Swelling :	\leq 30%
3.05 Concentration of Regenerate Solution:	NaOH: 2-4%
3.06 Consumption of Regenerate:	NaOH(2-4%) Vol.: Resin Vol. = (2-3) :1
3.07 Flow Rate of Regenerate Solution :	4-6(m/hr)
3.08 Regenerate Contact time:	30-50(minute)
3.09 Rinse Flow Rate :	15-25(m/hr)
3.10 Rinse Time (minute):	30 (approx)
3.11 Operating Flow Rate:	10-45(m/hr)

4.0 Packing:

Each PE bag, net weight: 25L

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