

CATION EXCHANGE RESIN KU-2-8

GOST20298-74

Top grade strong acid cation exchange resin (gel type) with high capacity. It is characterized with high chemical stability and mechanical strength.

GENERAL DESCRIPTION	
Matrix	Styrene-DVB
Functional group	Sulfonic acid
Polymer structure	gel
Ionic form	Hydrogen-salt

Application area:

- water treatment;
- hydrometallurgy;
- metal plating;
- sewage treatment.

Physical and Chemical Characteristics:

CHARACTERISTICS	STANDARD VALUE
Appearance	Spherical beads, yellow to dark brown in colour
Particle size range, mm	0.315-1.250
Uniformity coefficient, max	1.7
Volume of effective size fraction, % min	96
Osmotic stability, %, min	94.5
Effective particle size, mm max	0.40-0.55
Moisture retention, %	48-58
Total capacity, mmol/cm ³ (mg-eq/cm ³), min	1.8
Specific volume, cm ³ /g, in H ⁺ form, max	2.8

* - On customer' s demand it can be supplied in Na⁺ form under TR 6-07-493- 95