

## ION EXCHANGE RESIN

Dionix AX12 is a high-quality product used in water purification processes. It is effective in removing unwanted ions from water, thereby enhancing water quality and safety.

### Physical and Chemical Features

Form	Spherical particle
Colour	Light yellow
Smell	A little smell
Melting temperature	
Density (g/ml)	1.05-1.09
Apparent density (g/ml)	0.66-0.71
Solubility in water	Insolubility
Flashing point	
Ignition temperature	
Water Retention (%)	46.37
Total Exchange Capacity (meq/g)	3.80
Volume Exchange Capacity (meq/ml)	1.47
Bulk Density (g/ml)	0.72
Specific Density (g/ml)	1.08
Effect Size (mm)	0.53
Homogeneous Coefficient	1.16
Particle Size (0.60 - 0.80 mm)	95.2
Roundness After Wearing (%)	98

### Application

Dionix AX12 offers improved resistance to heat and efficient  $\text{SiO}_2$  treatment. It's effectively utilized in a variety of contexts, including demineralization, metal recovery, and the refinement of specific solutions such as sugar

### Additional Information

- Store in a cool and dry place
- Keep the container closed tightly to keep the resin from drying out and to stop dirt from getting in
- Wear protective gear for your eyes and skin when handling this product.
- For detailed safety information, please check the Safety Data Sheet or talk to our sales agent or the manufacturer
- Be careful not to contaminate the resin, as it is also used in food processing

