Ionex®- Type Ag 400

A synthetic silver-exchanged zeolite for gettering hydrogen from vacuum spaces of cryogenic apparatus.



Description

Ionex®-Type Ag 400 is a synthetic silver-exchanged zeolite with superior properties gettering hydrogen from vacuum spaces of cryogenic apparatus, selective removal of halogens from gas streams, and as a hydrogen/oxygen recombiner catalyst. This inorganic alumina silicate material contains supercages within its crystalline structure which are especially large and uniform in size. These cavities and their large entrances (pores) allow extremely large capacity for trapping contaminants and maximum utilization of the exchanged silver cations.

Typical properties

Nominal Pore Size 7.4 Angstroms into large cavities,2.2

Angstroms into B cage

90 minimum

Hardness Number, Ball Pan

Heat of Adsorption 1800 BTU/lb. H₂O

Equilibrium Water Capacity 20% by weight Silver Content 37% minimum

Flammability Non-flammable

Thermal Stability Efficient adsorption up to 500° C

Binder Acid-resistant type, 20% by weight

Apparent Density 0.91-1.10 g/cm³ for Ag 400 B3

Moisture ≤2.0%

Note: this technical datasheet indicates physical properties that are standard and typical. Molecular Products Inc. will meet customer specifications as required.

Additional Information

Standard Packaging Size

No. of Jars per box

Net wt. Gross wt. Gross wt. (W x D x H) cm

500 gr Amber Glass Jar/10 Pack

10 5000 gr 9.32 kg 56.21 x 26.67 x 20.48 cm

For larger quantities requiring custom packaging please contact Customer Service at 303-666-4400 or email us at customerservice@molprod.com.

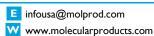


Amber Glass Jar Description

625 cc Amber Glass Wide Mouth Packer, Round, 53-400, Neck Size (MM) 53; Neck H Dimension 400; Jar H (MM) 153.7

Molecular Products Inc.

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