



Morton® Commercial Grade Pellets

Description

Morton® Commercial Grade Pellets for recharging water softeners are compressed from vacuum or solar evaporated salt. The pellets have a minimum purity of 99.4% sodium chloride. Pellets contains no additives.

Use

Morton® Commercial Grade Pellets are designed for use in light commercial water softeners and other ion-exchange water treatment processes in which sodium chloride is used for resin regeneration. The product can be applied effectively in all designs of softener brine tanks.

Chemical Properties

Most of the impurities are completely soluble and do not adversely affect water softening performance. The principal impurity is calcium sulfate. Other impurities consist of traces of calcium chloride, magnesium sulfate and magnesium chloride.

	Range
¹ Sodium Chloride (%)	Greater than 99.4
Calcium (%)	Less than 0.09
Magnesium (%)	Less than 0.05
Sulfate (%)	Less than 0.24
Water Insolubles (%)	Less than 0.1
Moisture (%)	Less than 0.1

¹By difference of impurities, moisture-free basis (ASTM procedures)

Pellet Size

Morton® Commercial Grade Pellets manufactured at all locations except Glendale, AZ, have typical dimensions of 1" long, 5/8" wide, and 3/8" thick. Pellets manufactured at Glendale, AZ have typical dimensions of 1-1/4" long, 3/4" wide, and 1/2" thick. A typical screen analysis is as follows:

U.S.S. Mesh	Opening Millimeters*	Percent Retained (on individual screens)
3/8-inch	9.5	90
3	6.7	5
20	0.84	3
Pan	--	2

*25.4 millimeters per inch

The Cope Company Salt

549 West Roseville Road

Toll Free: (800) 724-9916

(717) 390-8580

(717) 390-8586 (fax)

Voids/Break Strength

Typical compacted bulk density is 1.1 g/mL (68 lbs/ft³). Initial voids immersed in water are 48 - 52%. Void capacity does not vary significantly over several regeneration cycles in a softener brine tank.

Pellets are compressed sufficiently hard to avoid a defect called mushing, a disintegration of the pellet structure upon prolonged immersion in brine. Severe mushing can result in bridging and channeling of the salt mass, reducing the strength or volume of brine, and leading to incomplete resin regeneration and premature hardness breakthrough. To avoid mushing, Morton® Commercial Grade Pellets conform to a rigid strength standard.

Storage/Coding

Morton® Commercial Grade Pellets are chemically stable and do not support microbial growth. Store indoors or cover with black plastic to protect from wetting or direct sunlight. Packaging can disintegrate upon prolonged exposure to UV radiation. Minimum storage life of three years if properly stored. Open date manufacturing code appears on bottom heat sealed seam

These data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determines the suitability of our material and suggestions before adopting them on a commercial scale.





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Morton® Commercial Grade - Water Softening Pellets 50 lb.

Product Commodity Code
1530 0000

UPC Consumer Package Code
0 24600 01530 1

Pack Size
50 lb. net

Container
Printed polyethylene film bag

Bag Weight
50.5 lb.

Bag Cube
0.8 cu.ft.

Bag Dimensions
22" (L) x 14" (W) x 4.5" (H)

Pallet Count
49 bags

Pallet Pattern
7 tiers, 7 bags per tier

Pallet Weight*
2,545 lbs.

Pallet Cube*
42 cu.ft.

Pallet Dimensions*
50" (L) x 43" (W) x 34" (H)

*Includes standard 48" x 40" wood pallet.



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