

TECHNICAL DATA SHEET

ROCK SALT (GROUND)

RSALT(GR)

General Properties

Rock salt from HyrStein GmbH is a natural product. that is extracted from the mines in Egypt, crushed, and ground. It is used in roads' maintenance process as it is applied to the roads during the winter to bare pavement. This process is named as de-icing process and it is applied to melt ice as well as snow that are deposited on roads.

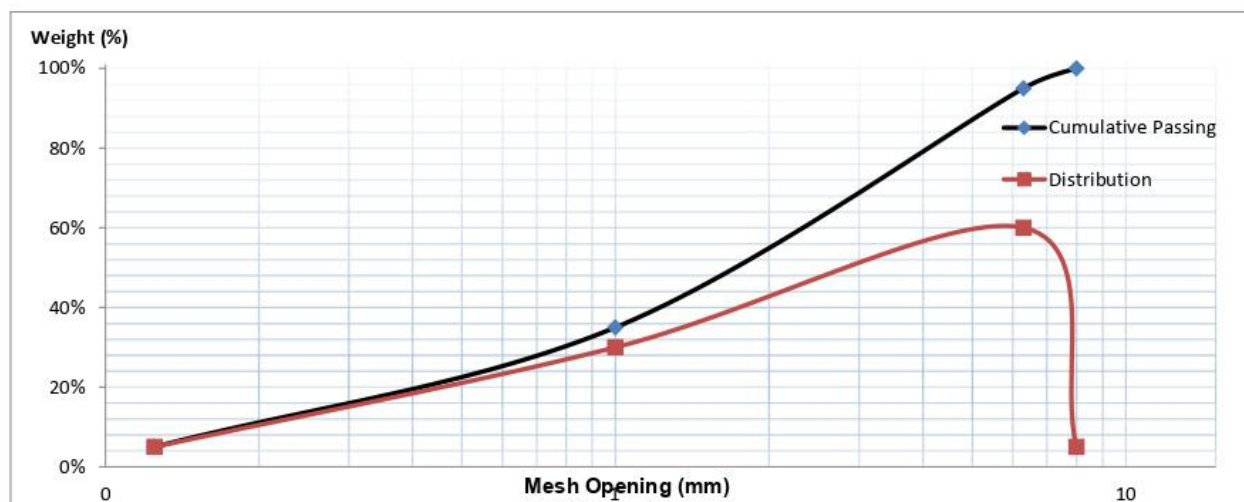
Chemical Composition

IUPAC Name	Chemical Formula	Weight (%)
Sodium chloride (purity)	NaCl	≥ 98.0%
Magnesium chloride	MgCl ₂	≤ 0.20%
Calcium sulfate	CaSO ₄	≤ 0.40%
Calcium chloride	CaCl ₂	≤ 0.20%

Physical Properties	
Moisture	≤ 1.00%
Water insoluble matter	≤ 1.00%
Sulfate SO ₄ ⁻	≤ 0.25%
Calcium Ca ⁺⁺	≤ 0.20%
Magnesium Mg ⁺⁺	≤ 0.10%

Type of Packing
Bulk on vessel
Jumbo bag

Particle Size Range	Weight (%)
0.000 – 1.125 mm	< 5.00%
0.125 – 1.000 mm	> 30.0%
1.000 – 6.300 mm	> 60.0%
6.300 – 8.000 mm	< 5.00%



Sieve	ISO-3310	Tyler	ASTM-E11	BS-410	DIN-4188	Cumulative Weight (%)
125 µM	0.125 mm	Mesh 115	No. 120	No. 120	0.125 mm	5.0%
1000 µM	1.000 mm	Mesh 16	No. 18	No. 16	1.000 mm	35.0%
6300 µM	6.300 mm	Mesh 3.5	No. 3	6.3 mm	6.300 mm	95.0%
8000 µM	8.000 mm	Mesh 2.5	5/16 inch	8.0 mm	8.000 mm	100.0%

Rock Salt ground is a prepared natural product. All data are approximate values and do not represent any warranty

October 2026