

TECHNICAL DATA SHEET

ROCK SALT (CRUSHED)

RSALT(CR)

General Properties

Rock salt from HyrStein GmbH is a natural product, that is extracted from the mines in Egypt, and crushed. 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.

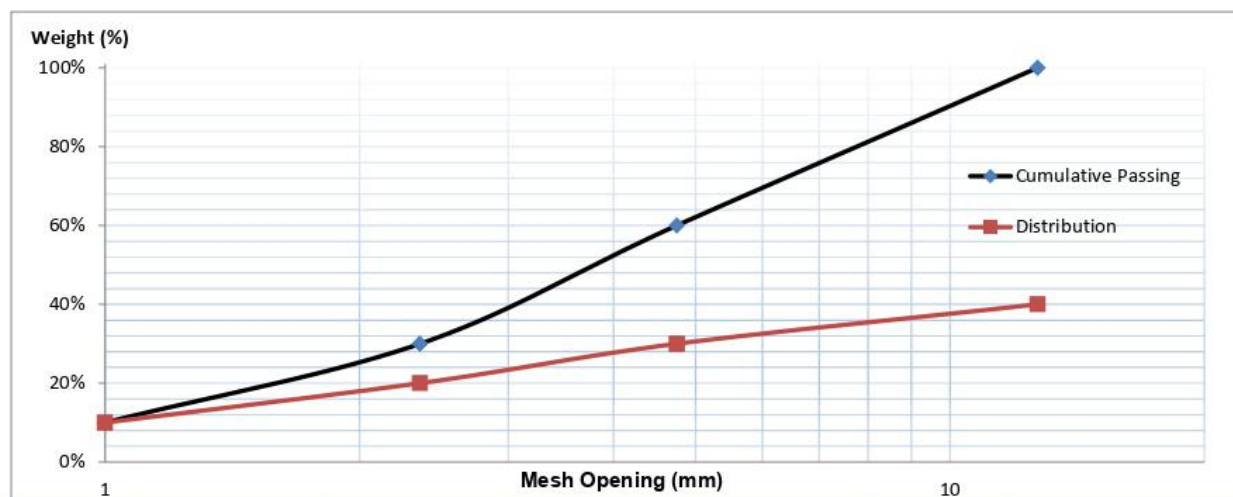
Chemical Composition

IUPAC Name	Chemical Formula	Weight (%)
Sodium chloride (purity)	NaCl	≥ 98.0%
Magnesium chloride	MgCl ₂	≤ 0.25%
Calcium sulfate	CaSO ₄	≤ 0.20%
Calcium chloride	CaCl ₂	≤ 0.10%

Physical Properties	
Moisture	≤ 1.00%
Water insoluble matter	≤ 0.50%
Sulfate SO ₄ ⁻	≤ 0.15%
Calcium Ca ⁺⁺	≤ 0.10%
Magnesium Mg ⁺⁺	≤ 0.10%

Type of Packing
Bulk on vessel
Jumbo bag

Particle Size Range	Weight (%)
0.00 – 1.00 mm	< 10.0%
1.00 – 2.36 mm	> 20.0%
2.36 – 4.75 mm	> 30.0%
4.75 – 12.7 mm	< 40.0%



Sieve	ISO-3310	Tyler	ASTM-E11	BS-410	DIN-4188	Cumulative Weight (%)
1000 µm	1.00 mm	Mesh 16	No. 18	No. 16	1.00 mm	10.0%
2360 µm	2.36 mm	Mesh 8	No. 8	No. 7	2.36 mm	30.0%
4750 µm	4.75 mm	Mesh 4	No. 4	No. 3.5	4.75 mm	60.0%
12700 µm	12.7 mm	1/2 inch	-	-	12.7 mm	100.0%

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

October 2026