

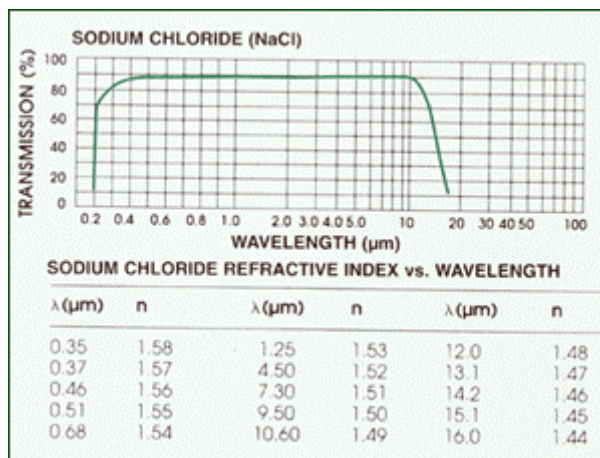
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SODIUM CHLORIDE - NaCl

Commonly known as rock salt, it is hygroscopic and highly soluble in water. Available in large diameters for use as infrared optical windows, lenses and prisms. To maintain polished surfaces components should be stored and ideally used in a dry atmosphere.

Transmission Range	0.21 - 26.0 μ
Crystal Structure	Rock Salt
Cleavage Plane	100
Colour	Colourless
Density	2.164 (20°)
Melting Point (°)	801
Reflection Loss	7.5% (10 μ) for 2 surfaces
Solubility index	35.8gm/100gm water / 50°C
Hardness (Knoop)	15.2(110) 18.2(100)
Thermal Conductivity (cal/cm sec°C)	1.55×10^{-2} (16°C)
Thermal Expansion coefficient (/°C)	44×10^{-6} (-50 - 200°C)



Whilst every effort has been made to verify the data provided, no responsibility can be accepted for its accuracy