

GLOBAL OPTICS (UK) LTD

30 Brockley Road, Bournemouth
Dorset, BH10 6JN.
Tel: 01202 530609
Fax: 01202 547209
Email: globalopticsuk@btinternet.com
Website: www.globalopticsuk.co.uk

CALCITE - CaCO₃

Transmission Range	0.3 - 5.5 μ
Crystal Structure	Sodium Nitrate
Cleavage Plane	1011
Colour	Colourless
Density	2.7102 (20°)
Melting Point (°)	1339 (under 102.5 atmosphere pressure) Decomposes at 894.4°C
Reflection Loss	10.6% (2 μ) for 2 surfaces
Solubility index	1.0x10 ⁻³ /100gm / 8.7°C
Hardness (Knoop)	3.0 (Moh)
Thermal Conductivity (cal/cm sec°C)	1.32x10 ⁻² (Parallel to C axis) 1.11x10 ⁻² (Vertical to C axis)
Thermal Expansion coefficient (/°C)	25x10 ⁻⁶ (Parallel to C axis) -5.8x10 ⁻⁶ (Vertical to C axis)

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