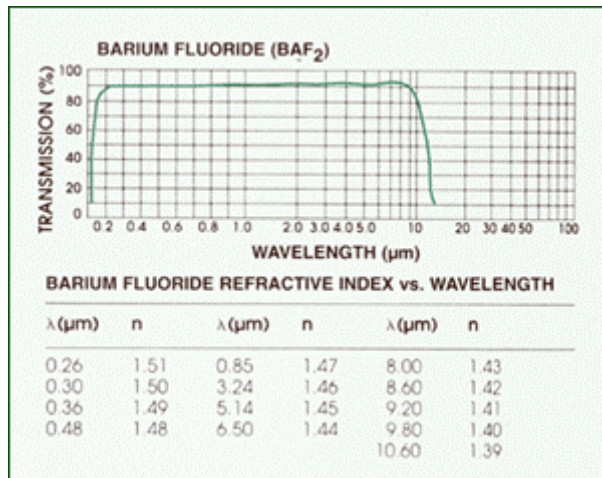


## GLOBAL OPTICS (UK) LTD

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### MAGNESIUM OXIDE - MgO

Transmission Range	0.25 - 8.5 $\mu$
Crystal Structure	Rock Salt
Cleavage Plane	100
Colour	Colourless
Density	3.576 (25°)
Melting Point (°)	2800
Reflection Loss	11.6% (4 $\mu$ ) for 2 surfaces
Solubility index	Insoluble
Hardness (Knoop)	692.0
Thermal Conductivity (cal/cm sec°C)	$6 \times 10^{-2}$ (20°C)
Thermal Expansion coefficient (/°C)	$13.8 \times 10^{-6}$ (20-1000°C)



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