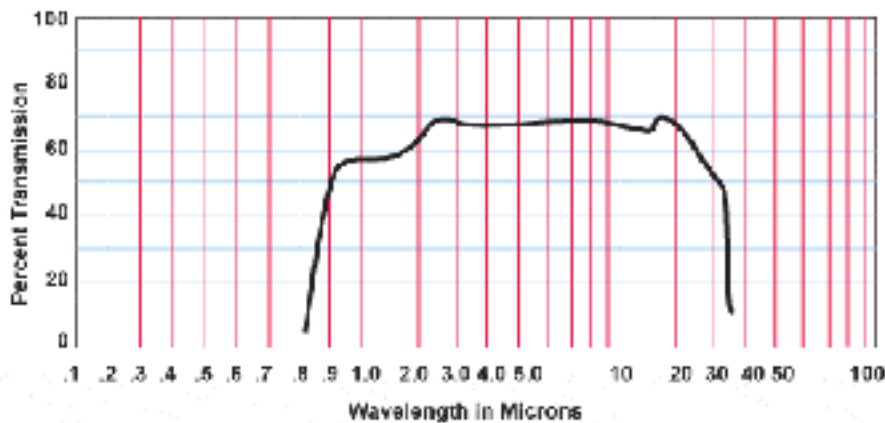


Optical Material Cadmium Telluride (CdTe) Optical Crystals

Cadmium Telluride (CdTe) is useful for infrared optical windows, as a solar cell material and as an electro-optic modulator. An early form of CdTe was sold as IRTRA



Optical Properties - Cadmium Telluride (CdTe) Optical Crystals

Transmission Range : 2-25 μ m
Refractive Index: 2.67 @ 10 μ m
Reflection Loss: 34.3% at 10 μ m

Physical Properties - Cadmium Telluride (CdTe) Optical Crystals

Melting Point: 1092°C
Structure: Cubic, Zincblende

Chemical Properties-- Cadmium Telluride (CdTe) Optical Crystals

Solubility: Insoluble in water. Attacked by HNO₃.

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