

Infrared crystals - zinc sulfide glass

CVD zinc sulfide (ZnS-CVD) infrared transmission bandwidth is large, low absorption, low scattering, high chemical stability and thermal stability, in the thermal band of 8um~13um, to achieve the maximum transmittance and minimum absorption, is widely used as medium and long wave infrared observation window material and infrared lens group material.

Density (g/cm ³)	4.09
Melting point (°C)	1830
Chemical Purity (%)	99.9996
Knoop hardness(kg/mm ³)	160
Young's modulus (GPa)	74.5
Modulus of fracture (MPa)	60
Transmission Range (um)	1-13

