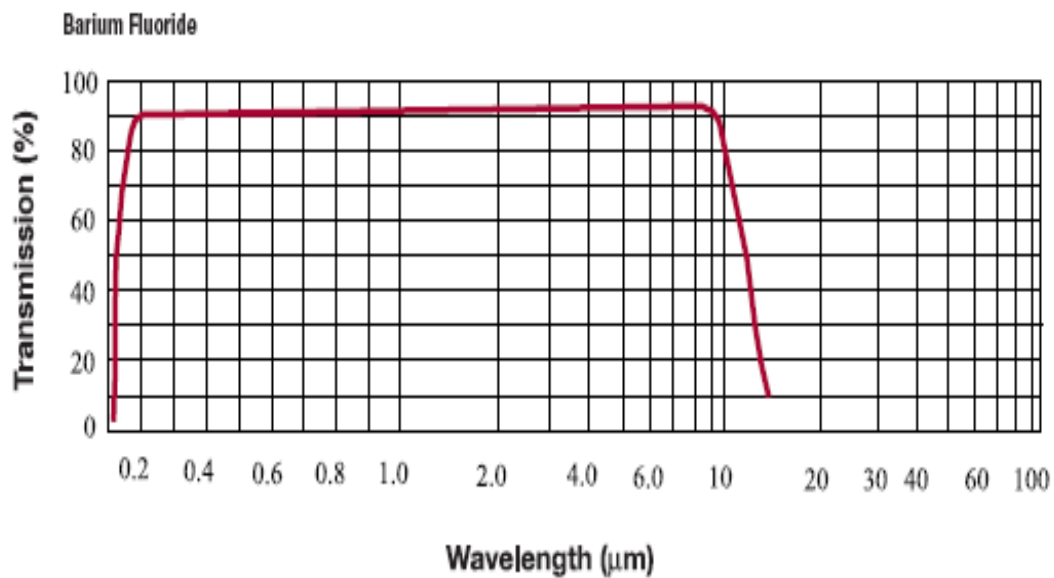


1. BaF₂





Product Description

Barium Fluoride_BaF₂: 0.15-12.5um, T>90% @0.3-10.0um, 3.0mm thickness witness testing.

Material size: poly crystal less than 120mm, mono crystal less than 150mm, minimum size more than 3.0mm.

Material tolerance: Ground rod size : +/-1.0mm, Cutting disc tolerance: +/-0.2mm, fine grinding tolerance: +/-0.1mm

Standard rod size:

Standard delivery time: rod and disc 3-15days, polishing parts 3-5weeks.

BaF₂ have a better transmission in long wavelength especially after 10.0um compared to CaF₂. And it has good scintillation property which is widely applying in high energy physics, nuclear physics and nuclear medical instrument, and etc. it can be made of various kind of optics

element for IR and UV application.

BaF₂ orientation is <111>, and mainly apply in near infrared wavelength, and also be divided in to mono crystal and poly crystal. But it is very hard to growth mono crystal in large size. So there is about 3-5times difference between mono and poly crystal material. So please make sure marked the mono crystal if you ask for that.

BaF₂ is further soft, and is also hard to get a better surface quality than CaF₂. So both the material and polished optics are expensive. And we can supply grade III polishing for customized and the production grade usually be of grade V.

Payment

net 30days

Delivery

3-5days

Inspection

yes