





#### 主要优点:

- ◆ 高光輸出高
- ◆ 能量分辨率高
- ◆ 密度大
- ◆ 无自辐射
- ◆ 无期解

### Main Advantages:

- · High output
- · High ene rgy resolution
- · High density
- · No sel f-radiation
- · No moistu re release

# 科瑞思创提供Crystro offers:

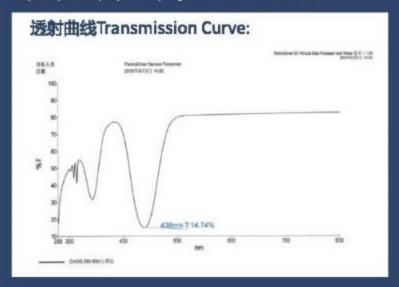
最向Orientation Tolerence	<0.5°
厚度和直径公差 Thickness/Diameter Tolerance	±0.05 mm
平行度 Parallel	10"
班直度 Perpendicular	5'
光洁度surface Quality	10/5
通光孔径Clear Aperture	>90%
倒角Chamfer	<0.2×45°
最大尺寸Maximum dimensions	МахФ60 mm

# 铈掺杂钆铝镓石榴石Ce:GAGG

#### 简介 Introduction:

铈掺杂钆钼镓石榴石(Ce:GAGG)是一种相对较新的单晶闪烁体, 具有许多性能,如光产量高,密度高,能量分辨率好,与硅传感器匹配良好的发射峰,低内在能量分辨率。 此外,该材料是非吸湿性和非自辐射性的。 它广泛应用于PET,PEM,SPECT,CT,X射线和y射线检测等。

Ce: GAGG is a relatively new single crystal scintillator with many properties, such as high light yield, high density, good energy resolution, good emission peak matching with silicon sensor and low intrinsic energy resolution. in addition, the material is non-hygroscopic and non-self-radiative, which is widely used in PET,PEM,SPECT,CT,X and y ray de tection and so on.



Gd, GJ, Ga, O <sub>12</sub>
54.4
Czochralski
6.63g/cm *
1850°C
TBA x 10 <sup>-\$</sup>