

# 环保K51B光学板、棒玻璃

# H-K51B OPTICAL GLASS

成都光明光电股份有限公司生产的H-K51B光学板、棒玻璃，广泛应用于各类投影设备、汽车灯具、钟表表面及望远镜、示波器、放大器等方面。

H-K51B光学板、棒玻璃采用高纯原料，连续熔炼拉制成型，具有极高的透过率、无气泡、无条纹、物化性能稳定等特性。

CDGM glass co., Ltd can supply H-K51B optical sheet glass, rod glass, which is widely used as various projection devices, automotive lights, watch surface, telescope, oscillograph, amplifier, etc.

H-K51B optical sheet glass, rod glass, characteristic with high transmissivity, bubble-free, straine-free, and perfect physicochemical properties, is produced by continuous melting technology with high purity raw materials.

## H-K51B光学玻璃的理化特性

折射率(nd)	1.52300
色散系数(vd)	58.31
透过率(标准光源D65、厚2mm)	≥91.7%
热膨胀系数 ( $\alpha_{(20-300^{\circ}\text{C})} \times 10^{-7}/^{\circ}\text{C}$ )	80
转变点温度(Tg) $^{\circ}\text{C}$	533
密度( $\rho$ )g/cm <sup>3</sup>	2.56
弹性模量(E)Gpa	71.5
切变模量(g)Gpa	29.3
泊松比( $\mu$ )	0.220

## H-K51B physicochemical properties

Refractive index(nd)	1.52300
Abbe Number(vd)	58.31
Transmissivity(Standard light source D65, thickness 2mm)	≥91.7%
Thermal Expansion Coefficient ( $\alpha_{(20-300^{\circ}\text{C})} \times 10^{-7}/^{\circ}\text{C}$ )	80
Transformation Temperature (Tg) $^{\circ}\text{C}$	533
Density( $\rho$ )g/cm <sup>3</sup>	2.56
Modulus of Elasticity(E)Gpa	71.5
Shear Modulus(g)Gpa	29.3
Poisson Ratio( $\mu$ )	0.220

## H-K51B光学板玻璃产品规格(mm)

常用规格(长×宽)	406×258, 其他尺寸可根据要求生产
厚度	0.8---2.5
长度、宽度公差	≤±0.5
厚度公差	厚度1.0-1.5≤±0.1 厚度1.85-2.5≤±0.2
翘曲度	≤0.15%L (L为产品边长)

## Specification (H-K51B sheet glass) (mm)

Ordinary specification (Length×Width)	406×258
	Other formats upon request
Thickness	0.8---2.5
Tolerance of length, width	≤±0.5
Tolerance of Thickness	Thickness1.0-1.5≤±0.1 Thickness1.85-2.5≤±0.2
Bending	≤0.15%L(Lis the side length)

## H-K51B光学棒玻璃产品规格(mm)

直径规格	φ20---φ42
直径公差	≤3%
弯曲度	≤5.0mm/100cm
表面划痕	≤5条/100cm

## Specification (H-K51B rod glass) (mm)

Diameter range	φ20---φ42
Tolerance of Diameter	≤3%
Bending	≤5.0mm/100cm
Surface defect	≤5/100cm



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