

CRYSTAL LEADFREE GLASS

MATERIAL IS ADVANCED CRYSTAL (AC) ROHS & REACH COMPLIANT

Physical properties

DENSITY	2.72 g/cm ³
COLOR	optically clear
COMPOSITION	SiO ₂ + TiO ₂ + ZrO ₂ 55% to 70%
	Na ₂ O + K ₂ O + LiO ₂ 13% to 23%
	CaO + MgO + ZnO 5% to 18%

Thermal properties

MAX. WORKING TEMPERATURE	350 °C
TRANSFORMATION TEMPERATURE	490 °C
DEFORMATION TEMPERATURE	490 °C
COEFFICIENT OF EXPANSION	8,95x10 ⁻⁶ K ⁻¹

Mechanical properties

HARDNESS	630 HV
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Chemical properties

HYDROLYTIC CLASS	3
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Optical properties

REFRACTION INDEX	1.56
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