

SODALIME GLASS

MATERIAL IS ALKALINE-LIME GLASS (K008) ROHS & REACH COMPLIANT

Physical properties

DENSITY	2.47 g/cm ³
COLOR	colorless
COMPOSITION	SiO ₂ 69 to 73%
	K ₂ O + Na ₂ O 16 to 20%
	CaO + Al ₂ O ₃ 7 to 10%

Thermal properties

MAX. WORKING TEMPERATURE	300 °C
TRANSFORMATION TEMPERATURE	517 °C
DEFORMATION TEMPERATURE	590 °C
COEFFICIENT OF EXPANSION	9.17x10 ⁻⁶ K ⁻¹

Mechanical properties

HARDNESS	671 HV
-----------------	--------

Chemical properties

HYDROLYTIC CLASS	4
-------------------------	---

Optical properties

REFRACTION INDEX	1.51
-------------------------	------