

HINDUSTAN GLASS BEADS®



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SUBJECT: STANDARD SPECIFICATION

MATERIAL: SODA LIME SILICA GLASS BEADS.

PHYSICAL PROPERTIES

SPECIFIC GRAVITY : 2.5 - 2.55
BULK DENSITY : 1.6 g/cc.
SOFTENING POINT : 696 – 710 °C.
APPEARANCE : WHITE.
SHAPE : SPHERICAL.

HARDNESS

ROCKWELL "C" SCALE : 57.5 HRC.
MOHS : ≥ 5.5 .

CHEMICAL PROPERTIES

SiO₂ : 69-71 %.
CaO : 8 - 9 %.
Na₂O : 13 %.
K₂O : 5%.
Al₂O₃ : 1%.

FREE FROM FREE SILICA AND LEAD

STABILITY AND REACTIVITY: STABLE UNDER NORMAL CONDITIONS. NON-REACTIVE WITH ACIDS AND ALKALI'S EXCEPT HYDROFLUORIC ACID.

