



# TECHNICAL CHARACTERISTICS OF GLAS-SHOT® CHEMICAL COMPOSITION

## CHEMICAL COMPOSITION

<i>Sodalime Glass</i>	
Si O <sub>2</sub>	70 to 75 %
Na <sub>2</sub> O	12 to 15 %
K <sub>2</sub> O	< 1%
CaO	7 to 12 %
MgO	< 5 %
Fe <sub>2</sub> O <sub>3</sub>	< 0.1 %
Al <sub>2</sub> O <sub>3</sub>	< 2.5 %
SO <sub>3</sub>	< 0.5 %
<i>Free silica : 0</i>	

## PHYSICAL PROPERTIES

Softening point	730 ° C
Annealing point	550 ° C
Specific gravity	2.46 g/cm <sup>3</sup>
Refraction index	1.51-1.52
Bulk density	1.50-1.60 g/cm <sup>3</sup>
Mohs hardness	5.5
Rockwell hardness	47 Rc
Knoop hardness (100 gr. load)	515 Kg/mm <sup>2</sup>

## RESISTANCE TO HUMIDITY

Different techniques are applied to various gradations for protection from humidity.

## PACKAGING

Glas-Shot is packaged in 50-lb. multilayered bags and boxes on one-ton covered pallets. Other packaging available upon request.

## QUALITY CONTROL

Glas-Shot® is subject to an integrated quality control at each step of production. Every lot is unitarily controlled by a representative test sample which will be kept for one (1) year.



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