

Glass Balls

CHEMICAL COMPOSITION %						
MATERIAL	SiO ₂	Na ₂ O	CaO	Al ₂ O ₃	A ₂ O ₃	MgO
Soda-Lime Glass	67	16	7	5	3	2
Borosilicate Glass	81	4	-	2	13	-
Black Glass	69.7	15.2	3.4	-	1.3	-

PROPERTIES	SODA-LIME GLASS	BOROSILICATE GLASS	BLACK GLASS
Specific Weight	2.50	2.23	2.55
Hardness (KNOOP-KHN)	465	418	405
Melting Point °C	695	820	650

MAX TEMPERATURE USE (mechanical)			
Normal °C	110	230	110
Extreme °C	460	490	380
Resistance to Thermal Stress	17° C	53° C	18° C