

SPECIFICATION - SLAG

PARAMETER	UNIT	VALUES
SILICON DIOXIDE (SiO ₂)	%	30.00 ~ 35.00
ALUMINIUM OXIDE (Al ₂ O ₃)	%	10.00 ~ 15.00
FERRIC OXIDE (Fe ₂ O ₃)	%	≤ 1.00
CALCIUM OXIDE (CaO)	%	35.00 ~ 45.00
MAGNESIUM OXIDE (MgO)	%	6.00 ~ 10.00
SULFUR TRIOXIDE (SO ₃)	%	≤ 0.5
INSOLUBLE RESIDUE (IR)	%	≤ 0.5
LOSS ON IGNITION (LOI)	%	≤ 0.5
TOTAL ALKALIES (Na ₂ O + 0.658K ₂ O)	%	≤ 0.60
CHLORIDE (Cl)	%	≤ 0.05
MOISTURE (MOISTURE)	%	≤ 6.00
CaO + MgO + SiO ₂	%	≥ 67.0
CaO + MgO/ SiO ₂	%	≥ 1.0
GLASS PARTICLE	%	≥ 95.00
PARTICLE SIZE DISTRIBUTION		
PASSING, UNDER 5 mm	%	95 Min
PASSING, UNDER 10 mm	%	100
COMPRESSIVE STRENGTH BS 9966		
7 DAY	Mpa	12 (Min)
28 DAY	Mpa	32.5 (Min)