

FLY ASH

Fly ash usually refers to ash produced during combustion of coal. Fly ash is generally captured by electrostatic or other particle filtration equipment before the flue gases reach the chimneys of coal-fired power plants.

There are two types of fly ash available in the market Class F and Class C. We are one of the leading manufacturers and supplier of High quality fly ash Class F. This fly ash is pozzolanic in nature, and contains less than 20% lime (CaO). Possessing pozzolanic properties, the glassy silica and alumina of Class F fly ash requires a cementing agent, such as Portland cement, quicklime, or hydrated lime, with the presence of water in order to react and produce cementitious compounds.

Now a day's Fly ash is widely used in the Concrete production / ready mix concrete, as a substitute material for Portland cement and sand. It



also can be used in manufacturing of bricks pavements, Portland Pozzolana cement, AAC (Autoclaved Aerated Concrete Blocks) etc.

To cater local demands, fly ash generally transported in bulkers, For exports we supply fly ash packed in 1.4 M.T inner liner jumbo bags. 30 kg HDPE bag, packing can be made possible for specific demand.

TYPICAL PROPERTIES

PHYSICAL PROPERTIES	Test protocol	Test Result
Silica as SiO ₂ %	ASTM C 114-2011b(6.3)	57.5
Alumina as AL ₂ O ₃ %	ASTM C 114-2011b	23.22
Iron as Fe ₂ O ₃ %	ASTM C 114-2011b	7.61
Titanium as TiO ₂ %	ASTM C 114-2011b	1.28
Calcium as Cao %	IS:5919:1990(Reaff. 2010)	3.78
Magnesium as MgO %	IS:5919:1990(Reaff. 2010)	2.92
Sodium as Na ₂ O %	ASTM C 114-2011b	0.96
Potassium as K ₂ O %	ASTM C 114-2011b	1.17
Sulphates as SO ₃ %	ASTM C 114-2011b	0.44
Phosphorus as P ₂ O ₅ %	ASTM C114-2011b	0.18
Chloride as Cl %	IS:1760(part 3)- 1992(Reaff.2011)	0.0007
PHYSICAL PROPERTIES	Test protocol	Test Result
Moisture as MOI %	ASTM C 311-11b	0.05
Loss on ignition %	ASTM C 114-2011b	0.26
Residue greater than 45 micron sieve on wet basis %	IS:1607-1977(Reaff. 2011)	14.66



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ISO 9001:2008