

CEMENT CLINKER

STALLION ENERGY'SClinker is lumps or nodules, usually 3-25 mm in diameter, produced by sintering limestone and alumino-silicate during the cement kiln stage. **Application**

- Building Construction
 - Ground granulated blast furnace slag cement
 - Pozzolana cement

TUDICAL DDODEDTIEC

• Silica fume cement

Clinker is ground (usually with the addition of a little gypsum, that is, calcium sulfate dihydrate) to become Portland cement. It may also be combined with other active ingredients or chemical admixtures to produce. Clinker, if stored in dry conditions, can be kept for several months without appreciable loss of quality. Because of this, and because it can easily be handled by ordinary mineral handling equipment, Clinker is also shipped to grinding plants in areas where cementmaking raw materials are not available.



TYPICAL PROPERTIES		
PHYSICALREQUIREMENTS	LABORATORY TEST RESULT	Unit
Loss on ignition (LOI)	0.30	%
Silica (SiO ₂)	21.56	%
Aluminium Oxide (Al ₂ O ₃)	5.36	%
Iron Oxide (Fe ₂ O ₃)	4.00	%
Calcium Oxide (CaO)	64.65	%
Magnecium Oxide(MgO)	1.22	%
SulphuricAnhydrus (SO ₃)	0.48	%
Insoluble Residue (IR)	0.26	%
SM	2.30	
MA	1.34	
LSF	0.93	
C ₃ S	52.09	
C ₂ S	22.60	
C ₃ A	7.44	
C₄AF	12.16	
MECHANICAL TESTING	LABORATORY TEST RESULT	Unit
SOUNDNESS TEST		
Le-ChatelierExpanson	Nil	mm
Auto Clave	0.09	%
COMPRESSIVE STRENGTH		
3 Days	48	MPa
7 Days	63	MPa
28 Days	Awaited	MPa



Manufacturer, Importer, Exporter & Supplier of Coal, Coke, Petroleum Products, Carbon & Construction Material's.

SUD ISO 9001:2008

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