

**ÇİMENTO****GROUND GRANULATED BLAST FURNACE SLAG****PRODUCT TECHNICAL DATA SHEET****MANUFACTURER:**

OYAK Cement Plants Inc.
İskenderun Facilities Branch
Çukurambar Mah. 1480 Sok. No:2
Çankaya – Ankara/TURKIYE

Phone : +90 312 2200290
Fax : +90 312 2200291
Website : www.oyakcimento.com

PRODUCT DESCRIPTION:

Ground granulated blast furnace slag (GGBS), fine powder made by grinding a vitrified material made by rapid cooling of a slag melt obtained by smelting iron ore in a blast furnace. It is consisted of at least two thirds by mass of glassy slag and possesses hydraulic properties when suitably activated.

CHEMICAL AND PHYSICAL PROPERTIES

Properties	Standard Requirements	Values
MgO	≤ 18 %	5,00 - 10,00
Sulfide	≤ 2,0 %	0,40 - 0,80
Sulfate	≤ 2,5 %	0,30 - 0,90
Loss on ignition, corrected for oxidation of sulfide	≤ 3,0 %	0,00 - 2,00
Chloride	≤ 0,10 %	0,01 - 0,03
Moisture content	≤ 1,0 %	0,10 - 0,30
Specific surface (Blaine) cm ² /g	≥ 2750	5100 - 5300
Activity index at 7 days	≥ 45 %	≥ 45
Activity index 28 days	≥ 70 %	≥ 70

QUALITY CONTROL:

Strict quality assurance and quality control procedures are applied to ensure optimum product performance and uniformity. Product meets all the requirements of TS-EN 15167-1:2006 standards and has EC – Certificate of Conformity approved by KGS

Also OYAK Cement Plants Inc./Adana Branch has Integrated Management System which consists TS-EN-ISO 9001 Quality Management System, TS-EN-ISO 14001 Environmental Management System and OHSAS 18001 Occupational Health & Safety Management System.

PRECAUTIONS:

GGBS is a light gray or white powder that possesses little immediate hazard. A single short-term exposure to that material is not likely to cause serious harm. However, exposure to that wet material can cause serious, potentially irreversible tissue (skin or eye) destruction in the form of chemical (caustic) burns. The same type of tissue destruction can occur if wet or moist areas of the body are exposed for sufficient duration to that material by chemical (caustic) burns or an allergic reaction. Use exposure controls or personal protection methods described in MSDS.

DELIVERY:

Transportation is by rail, road or ship – in bag or bulk form. Keep in moisture-proof containers/silos.