PORTLAND COMPOSITE CEMENT
TS EN 197-1:2012
CEM II/B-M (P-V) 42,5 N
IT IS PRODUCED IN KUTAHYA PLANT

THE USAGE OF CEM II/B-M (P-V) 42.5 N

It's used in general purpose application, in aggressive medium (including SO₄, Cl⁻), sea construction work, the reinforced concrete buildings which is required lower hydration temperature and higher impermeability and higher fluidization.

PRODUCT INFORMATIONS

Standard Definition: It is a hydraulic binder. Portland composite cement is produced by grinding clinker and a certain amount of gypsum(CaSO₄·2H₂O) and a mixture of additive(%21-35) together. The gypsum is used in cement for regulation of the setting time. The additive which is used in cement can be selected according to the situation among the puzzolana, fly ash, blast furnace slag, silica fume, limestone, calcined shale.

Content: [%70 Portland Cement Clinker +%13 Trass +%13 Fly Ash +% 4 Minor Add. ] +%5 Gypsum

CE No: ( ) 1784-CPD-00075

Standard Chemical Properties

- Sulphur trioxide (SO₃) ≤ % 3,5
- Chloride (Cl⁻) ≤ % 0,1

Standard Physical Properties

- Initial setting time ≥ 60 min
- Soundness ≤ 10 mm
- 2 days compressive strength ≥ 10,0 MPa
- 7 days compressive strength -
- 28 days compressive strength ≥ 42,5 MPa ≤62,5 MPa

The other properties

- Specific Surface (Blaine) - cm²/g
- Density - ton/m³

Our Products:

Should be protected against humidity
Should not be stowed in pile more than 10 bags
Should not be kept in stock more than three months
Should be used in accordance with EUROPEAN STANDARD

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