PRODUCT DATA SHEET

Steel Slag Crusher Fines

Product Code: SFS502

Definition

Steel furnace slag is the non-metallic product consisting essentially of calcium silicates with fused oxides of iron and, aluminium that is developed in a molten condition simultaneously with steel in a basic oxygen furnace.

The material is produced in a molten condition simultaneously with steel in a basic oxygen furnace and is a predominantly crystalline, solid rock-like material.

Description

Steel slag is dug, crushed, screened where all single size aggregates are removed and crusher fines are produced.

Applications

- General fill
- Pipe laying sand
- Refractory sand
- Cement making raw material
- Asphalt sand

Advantages

- Cementitious properties
- Well graded
- Resistant to heat and fire
- Strong load bearing capacity
- Effective utilisation of an industrial by-product conserving natural resources

Typical Grading

SIEVE	% PASSING
9.5 mm	100
6.7 mm	95-100
4.75 mm	90-100
2.36 mm	45-90
1.18 mm	15-55
600 um	10-25
75 um	3-10

Typical Physical Properties

Maximum Dry Density (Standard)	2.30-2.50 t/m^3
Optimum Moisture Cont.	9-11%
Liquid Limit	Not obtainable
Plastic Limit	Not obtainable
Plasticity Index	Non-plastic
Linear Shrinkage	0%
pH	10-12

Technical Services and Customer Enquiries

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