



PRODUCT DATA SHEET

Uncrushed Blast Furnace Slag

Product Code: ABF280

Definition

Blast furnace slag is the non-metallic product consisting essentially of silicates and aluminosilicates of calcium and other bases, that is developed in a molten condition simultaneously with iron in a blast furnace.

Air-cooled blast furnace slag is a predominantly crystalline, solid rock-like material.

Description

Air-cooled slag is dug from the furnace and stockpiled. Product may also be crushed or screened. May contain traces of metal.

Applications

- ◆ Embankment fill
- ◆ Sub-grade replacement
- ◆ Select fill
- ◆ Temporary working platforms

Advantages

- ◆ Cementitious properties
- ◆ Ability to accept any type sub base products
- ◆ Lower tonnages required
- ◆ Prevents existence of acid conditions
- ◆ Effective utilisation of an industrial by-product conserving natural resources

Typical Grading

SIEVE	% PASSING
1.0m	100
300mm	89
200	74
100	60
75.0	52
53.0	44
26.5	29
13.2	20
6.7	12
4.75	11
1.18	5

Typical Physical Properties

Maximum Dry Density (Standard)	2.00-2.15 t/m ³
Optimum Moisture Cont.	11-13%
Dry Strength	85-105kN
Wet Strength	75-95kN
Variation	<25%

Technical Services and Customer Enquiries

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 21 Processing Area
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ASMS Disclaimer

This information set out above is of a general nature only and not intended to be relied upon for all applications. It does not take into account specific environmental impacts and these should be considered prior to the use of the product. The end users of the product should ensure that it is being used in a suitable manner in consultation with engineers and regulatory authorities.