

RGT GRIT

TECHNICAL DATA SHEET



Description

RGT Grit is an aluminium silicate blast cleaning grit made of coal slag from coal fired power stations.

Applications

Blast cleaning of steel and stone/concrete surfaces, removal of mill scale, rust, old paint, dirt etc. Suitable for SA-3, SA-2½ and SA-2, as well as sweep blasting.

Properties

Shape	: sharp and angular
Colour	: brown / black
Hardness	: 7 Mohs
Specific density	: 2.4-2.6 kgs/dm ³
Loose bulk density	: 1.3 1.4 kgs/dm ³
Conductivity	: less than 250 µS
Water-soluble chlorides	: 0.001% (m/m)

Chemical Composition

PARAMETER	MINIMUM	MAXIMUM	PERCENTAGE
SiO ₂	44	58	%
Al ₂ O ₃	21	34	%
Fe ₂ O ₃	6	12	%
CaO	3	10	%
K ₂ O	1	6	%
MgO	1	4	%
TiO	0	3	%
Na ₂ O	0	3	%

Grain sizes (common size in bold)


0.2 - 0.6 mm	0.2 - 2.4 mm
0.2 - 1.0 mm	1.0 - 2.0 mm
0.2 - 1.4mm	0.8 - 2.2 mm
0.5 - 1.6 mm	0.5 2.5 mm

Packing

1 MT or 2 MT Strong woven polypropylene jumbo bags with 4 lifting loops 40 x 25kg bags in 1 MT Jumbo bag with 4 lifting loops

RGT grit is in accordance with ISO 11126-4 and was tested in accordance with ISO 11127 part 1 to part 7

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