



"GrayWolf" W.Szwaja

Dane kontaktowe (*contact information*)
tel. (*phone*): +48 34 3256023
fax: +48 34 3256023
e-mail: wojciech.szwaja@graywolf.pl
website: www.graywolf.pl

ul. Wawrzynowicza 8/10
42-218 Częstochowa
Polska (*POLAND*)
NIP (*EU VAT No.*): PL5731127315
REGON: 241992561

Product Data Sheet

Magnesium-aluminium spinel min. 88% Al₂O₃, sintered

Chemical characteristics [%]:

	Min.	Max.
Al ₂ O ₃ by difference	88,00	
MgO	8,00	11,00
Na ₂ O	0,06	0,12
SiO ₂	0,08	0,12
Fe ₂ O ₃ (total)	0,10	0,20
CaO	0,10	0,30

Physical characteristics:

		Min.	Max.
Bulk specific gravity (BSG)	[g/cm ³]	3,20	
Apparent porosity	[%]	1,50	2,60
Water absorption	[%]	0,40	1,00

Granulation 3-6 mm

Sieve (mm)		Typ.
>6,300 mm	max. 10%	
5,000 mm		24
4,000 mm		43
3,350 mm		24
<3,350 mm	0-10%	

Granulation 1-3 mm

Sieve (mm)		Typ.
>3,350 mm	max. 10%	
2,000 mm		51
1,400 mm		28
1,000 mm		16
<1,000 mm	0-10%	

Granulation 0-1 mm

Sieve (mm)		Typ.
>1,000 mm	0-15%	5
>0,500 mm	30-70%	50
<0,063 mm	0-15%	5



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Granulation 0,5-1 mm

Sieve (mm)	
>1,400 mm	0
>1,000 mm	max. 10%
<0,500 mm	0-10%

Granulation 0-0,5 mm

Sieve (mm)	
>1,000 mm	0
>0,500 mm	max. 10%
<0,045 mm	max. 22%

Granulation 0,090 mm

d_{50}	16-32 μm
>90 μm	max. 10%

Granulation 0,045 mm

d_{50}	8-15 μm
>45 μm	max. 10%

Granulation 0,020 mm

d_{50}	max. 3,5 μm
>20 μm	0-6%

Standard packing:

- paper bags: 25 kg and 50 kg
- big bags: 1,0 t, 1,5 t or 2,0 t
- bulk