



**Product Data**

# BSA 96





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Chemical Composition		Typical	Min.	Max.
Al <sub>2</sub> O <sub>3</sub>	[%]	97.0	95.5	
TiO <sub>2</sub>	[%]	1.5		2.0
SiO <sub>2</sub>	[%]	0.5		1.0
MgO	[%]	0.2		0.4
Na <sub>2</sub> O	[%]	0.3		0.4
Fe <sub>2</sub> O <sub>3</sub>	[%]	0.15		0.3
Fe Magnetic	[%]			0.02

Physical Properties		Typical	Min.	Max.
Bulk Specific Gravity	[g/cm <sup>3</sup> ]	3.5	3.45	
Apparent Porosity	[%]	4.5		6.0
Water Absorption	[%]	1.3		1.8

All data are based upon Almatris standard test methods.

Available sizes DIN <sup>1)</sup>	Typical [%]	Min/Max [%]
<b>6 – 15 mm</b>		
+ 16.0 mm		0 - 1
+ 12.5 mm	7	
+ 10.0 mm	25	
+ 6.3 mm	60	
- 6.3 mm		0 - 15
<b>5 – 8 mm</b>		
+ 8.0 mm		0 - 10
+ 6.3 mm	53	
+ 5.0 mm	38	
- 5.0 mm		0 - 10
<b>3 – 6 mm</b>		
+ 6.3 mm		0 - 4
+ 5.0 mm	28	
+ 4.0 mm	35	
+ 3.35 mm	20	
+ 2.0 mm	16	
- 2.0 mm		0 - 3

Available sizes DIN <sup>1)</sup>	Typical [%]	Min/Max [%]
<b>1 – 3 mm</b>		
+ 3.35 mm		0 - 8
+ 2.0 mm	58	
+ 1.0 mm	40	
- 1.0 mm		0 - 10
<b>0 – 1 mm</b>		
+ 1.4 mm		0 - 2
+ 1.0 mm	5	
+ 0.50 mm	22	
+ 0.212 mm	21	
+ 0.106 mm	32	
- 0.106 mm		5 - 26
<b>0.5 – 1 mm</b>		
+ 1.4 mm		0 - 2
+ 1.0 mm	15	
+ 0.71 mm	58	
+ 0.5 mm	25	
- 0.5 mm		0 - 10

Available sizes DIN <sup>1)</sup>	Typical [%]	Min/Max [%]
<b>0 – 0.5 mm</b>		
+ 0.50 mm	3	
+ 0.250 mm	14	
+ 0.125 mm	30	
+ 0.045 mm	42	
- 0.045 mm	11	
<b>- 90 micron</b>		
+ 0.090 mm		0 - 5
+ 0.063 mm	10	
- 0.063 mm		75 - 100

1) Sieve Analysis as per DIN/ISO 3310/1

## Product Information

- High temperature sintered aggregate
- Innovative European raw material alternative for BFA and high quality bauxite
- Homogenous product with no metallic impurities or carbides
- Cost advantage due to lower BSG compared to fused aggregates

## Packaging

- 1,5 mt big bags
- 2,0 mt big bags
- 25 kg bags



## Contacts for sales, technical information and application assistance



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