



CHAORYAN

PRODUCT DATA SHEET

Luoyang Naibao New Materials Co., Ltd.

Brown Fused Alumina P180

Grade / size: P180 | Product family: P Grit

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Product overview

Brown Fused Alumina P180 is a CHAORYAN p grit product for coated abrasive belts, paper and cloth. Confirm the grade, chemistry, particle size distribution and packing in the agreed technical specification.

Specifications

Product	Brown Fused Alumina P180
Grade / size	P180
Product family	P Grit
Packing	Confirm bag or bulk packing and labeling with the order.

Chemical composition

Parameter	A-P1	A-P2
Al ₂ O ₃ (%)	93.00–97.50	≥91.00
TiO ₂ (%)	1.50–3.80	1.50–4.20
CaO (%)	≤0.45	—
Al ₂ O ₃ (%) — P180 reference sample	93.89	91.65
SiO ₂ (%) — P180 reference sample	1.37	1.42
TiO ₂ (%) — P180 reference sample	3.40	3.72
Fe ₂ O ₃ (%) — P180 reference sample	0.15	0.27
CaO (%) — P180 reference sample	0.32	0.42

Physical properties

Parameter	A-P1	A-P2
Bulk density (g/cm ³) — reference sample	1.52	1.50
Magnetic content ≤ (%)	0.0180	0.0490

Particle size distribution

Distribution limits and sieve fractions are confirmed in the agreed technical specification and batch test report.

Applications

Coated abrasive belts, paper and cloth.

Processing and packing

Discuss particle shape, grading and sample matching for the intended process.

Confirm bag or bulk packing and labeling with the order.

Specific guaranteed values follow the agreed technical specification and batch test result.

CONTACT

lychaoyan@gmail.com

<https://en.jingangshan.cn>

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