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Unfired Aluminum Carbon Slide Plate



The unfired aluminum carbon slide plate is often used in small and medium-sized ladles. It is made of composite materials. The conventional model is 310. It is produced by special process, and has good corrosion resistance, high strength and high dimensional accuracy. The products are divided into two types: oil immersed and non oil immersed.

1.Description of unfired aluminum carbon slide plate

The unburned aluminum carbon slide plate is made of specially calcined bauxite, fused white corundum or sintered tabular corundum as aggregates, added with high-quality graphite and additives, and molded by a large hydraulic press through a special process. The products are not fired at high temperature, and can be divided into oil immersed and non oil immersed products. They have high strength, good erosion resistance and corrosion resistance, and high dimensional accuracy. They are reinforced with 3mm iron sheet around to improve the use safety. The unburned aluminum carbon slide plate is often used for small and medium-sized steel ladles, with more than 3 times of use.

2.Main performance parameters of unfired aluminum carbon slide plate

Item		Unit	HBL-80	HBLZ-80	HBL-90
Al ₂ O ₃		%	≥80	≥80	≥90
C		%	≥5	≥5	≥2
ZrO ₂		%	-	>5	
Density		g/cm ³	≥2.90	≥2.95	≥3.10
Compression strength		Mpa	≥100	≥100	≥160
Apparent porosity	immersion oil	5	≤10	≤8	≤8
	Non immersion oil	%	≤12	≤12	≤11

3.Main characteristic of unfired aluminum carbon slide plate

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- 1) High dimensional accuracy, and the dimensional tolerance is generally controlled to be less than $\pm 1.0\text{mm}$
 - 2) The perimeter is reinforced with 3mm iron sheet to ensure the safety of use
 - 3) High strength, good corrosion resistance
 - 4) More than 3 times of use, high cost performance
 4. Main purpose
- The products are mainly used in small and medium-sized steel ladles

5, Good feedback of product use effect, the products have been exported to South Korea, Japan, Pakistan

6, We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of unfired aluminum carbon slide plate?

Do you want to find a stable and credible supplier?

Then please contact with us

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