

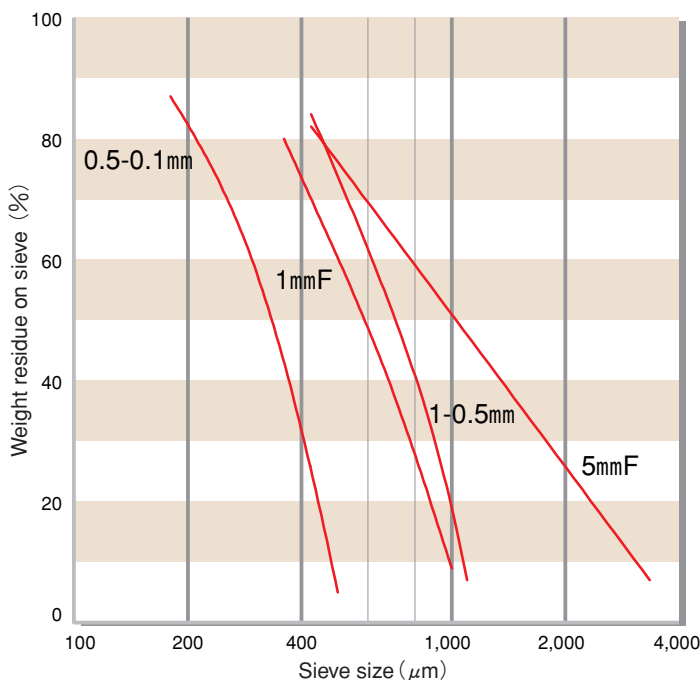
# Refractory-use $Al_2O_3$

## Chemical Composition, Applications, and Grain Sizes

Product name		Fused white alumina	Fused alumina bubbles
Item		<b>50R</b>	<b>BL</b>
Chemical Composition (%)	$Al_2O_3$	99.6	99.7
	$SiO_2$	0.03	0.13
	$Fe_2O_3$	0.08	0.02
	$Na_2O$	0.15	0.07
Characteristics		Grain format and distribution are stable.	Low $Na_2O$ content and Low bulk density (3-1mm:0.6g/cm <sup>3</sup> )
Applications		<ul style="list-style-type: none"> <li>● Iron and steel and ceramic refractories</li> <li>● High temperature fillers and flat plates</li> <li>● Sintering material and column</li> <li>● Castable refractories</li> </ul>	<ul style="list-style-type: none"> <li>● Insulating bricks</li> <li>● Light charge refractories</li> <li>● Special grindstones</li> </ul>
Grain sizes available		200F	5mmF 3mmF 1mmF 3-1mm 1-0.5mm 0.5-0.1mm

Please ask us about details. We will respond to also particular grain size and characteristic.

### BL Grain Distribution



### Characteristics

The high fusion point and load softening point of refractory-use fused alumina make them suitable for use in a wide range of castable refractories. Fused white alumina 50R has a stable grain format and grain distribution that makes it suitable for refractories used in iron and steel.

BL are fused aluminum oxide bubbles with a very low bulk density and high heat insulation properties. They are widely used in insulation bricks and light charge refractories.

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