

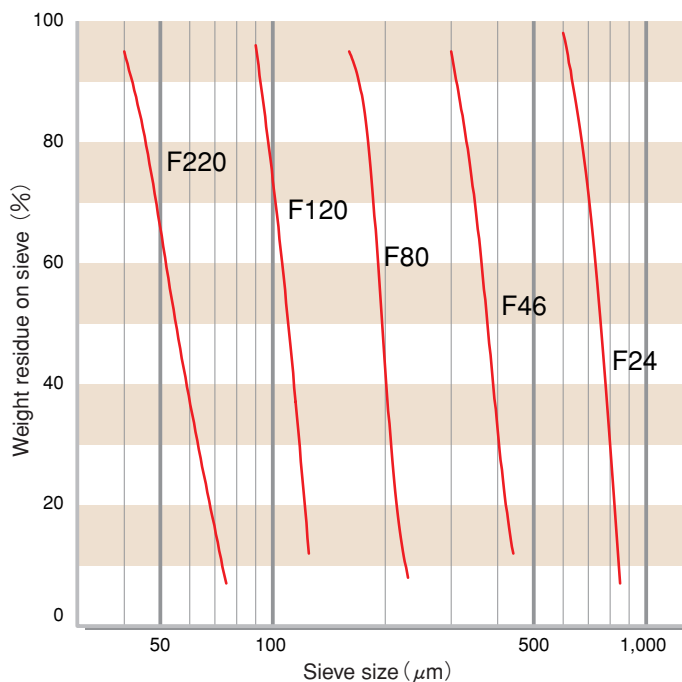
Abrasive Material Al₂O₃

Chemical Composition, Physical Properties, Applications, and Grain Sizes

Product name		Fused white alumina	Fused light-pink alumina
Item		50A	50P
Chemical Composition (%)	Al ₂ O ₃	99.7	99.4
	SiO ₂	0.01	0.02
	Fe ₂ O ₃	0.02	0.02
	Na ₂ O	0.12	0.11
	Cr ₂ O ₃	—	0.38
Characteristics	Bulk Density (g/cm ³)	(F60) 1.76	(F60) 1.66
	Toughness value(JIS)	53	57
	Knoop Hardness(Hk)	2,050	2,050
Applications		<ul style="list-style-type: none"> ● General grinding wheel and coated abrasive ● General abrasives ● High-quality refractories 	<ul style="list-style-type: none"> ● General grinding wheel ● Coated papers
Grain sizes available		F16~F220	F16~F220 P40~P220

Please ask us about details.

Grain Distribution



Characteristics

Pacific Rundum supply an extensive range of fused alumina for use in grinding abrasives. The high levels of hardness and toughness of fused white alumina 50A -commonly known as WA-make it suitable for use in a wide range of grinding wheels.

The color of fused light-pink alumina 50P is obtained by adding a chrome oxide additive and is slightly tougher than 50A; this alumina is used for a variety of grinding wheel, coated abrasive and is particularly suited to those needed in precision grinding.

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