

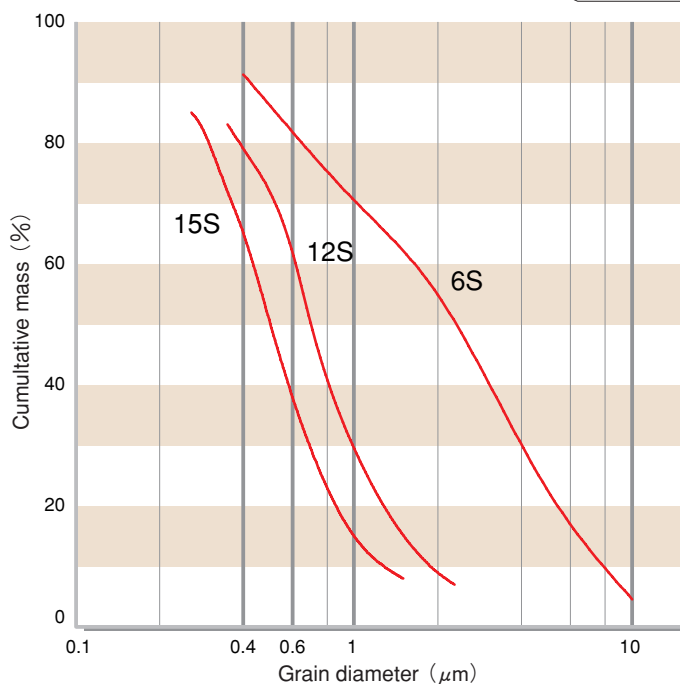
Ultrafine Green SiC (GMF)

Chemical Composition, Physical Properties, Applications, and Grain Sizes

Product name		Standard S-type GMF			High-purity H-type GMF		
Item		6S	12S	12H	15H	5C	15H2
Chemical Composition (%)	SiC	97.5	93.2	98.4	98.0	98.2	99.6
	F.C	0.34	0.81	0.68	0.75	0.40	0.69
	T.Fe	0.25	0.39	—	—	—	—
	F.SiO ₂	1.0	3.06	0.21	0.38	0.9	0.14
	Fe (ppm)	—	—	50	50	440	5
Characteristics	Specific surface (m ² /g)	6	12	12	15	5.5	15
	D50 (μm)	2.3	0.7	0.7	0.5	2.4	0.5
Applications	<ul style="list-style-type: none"> ● Sintering materials ● Heating elements ● Refractory bonding materials 						
Grain sizes available	5S 6S 7S 12S 15S		8H 12H 15H			5C	60FH2 12H2 5H2 15H2

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

Grain Distribution



Characteristics

Ultrafine Green silicon carbide GMF consist of submicron particles with very few rough particles. This makes them suitable for use in sintering silicon carbides developed for fine ceramic applications, as well as for special applications such as kiln furniture, heating elements and fillers.

Pacific Rundum Co., Ltd. Abrasive Materials Division



Tokyo office

6F, Kyoritsu Bldg., 3-10-2 Kandajinbo-cho,
Chiyoda-ku, Tokyo 101-0051, JAPAN
TEL: +81-3-3511-9911
FAX: +81-3-3511-9914
E-Mail: abr-department@rundum.co.jp

Head Office

1 Iwaseakada-machi, Toyama-shi, Toyama 931-8555, JAPAN
TEL: +81-76-438-1211
FAX: +81-76-438-8667

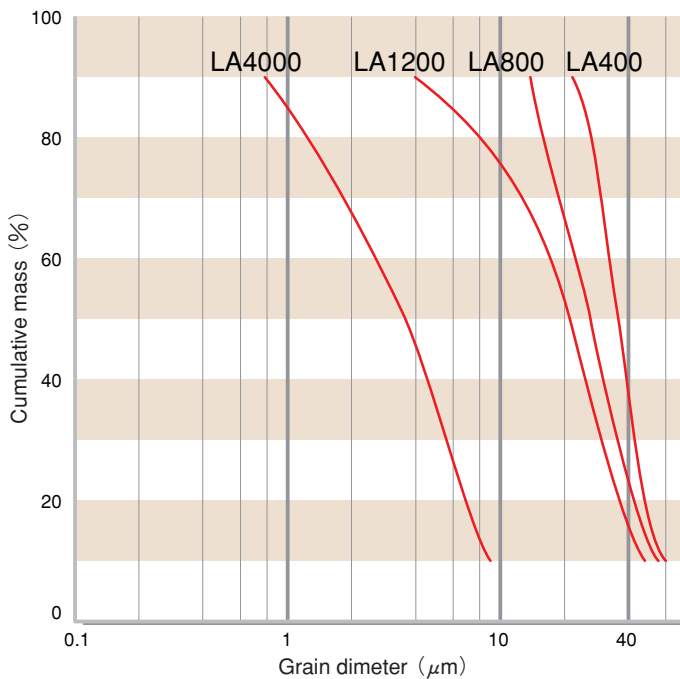
Low Soda Al₂O₃

Chemical Composition, Applications, and Grain Sizes

Product name		Fused alumina powder	
Item		LA	LA-D
Chemical Composition (%)	Al ₂ O ₃	99.9	99.8
	SiO ₂	0.03	0.10
	Fe ₂ O ₃	0.01	0.02
	Na ₂ O	0.01	0.06
Characteristics		High degree of purity; Na ₂ O content particularly low.	Na ₂ O content particularly low.
Viscosity (pot life)	LA1200	120minutes (120°C 20,000CP)	—
Applications		<ul style="list-style-type: none"> ● Electrical insulation parts ● Special refractories ● High temperature powder as filler materials ● Micro flour for abrasives 	<ul style="list-style-type: none"> ● Special refractories
Grain sizes available		300 400 800 1200 2000 40000	2000F

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

LA Grain Distribution



Characteristics

Fused alumina fine powder LA has low Na₂O content and good dispersibility fluidity; these properties make it suitable for electrical insulation, special refractories and high temperature powder filler materials.

Pacific Rundum Co., Ltd. Abrasive Materials Division



Tokyo office
6F, Kyoritsu Bldg., 3-10-2 Kandajinbo-cho,
Chiyoda-ku, Tokyo 101-0051, JAPAN
TEL: +81-3-3511-9911
FAX: +81-3-3511-9914
E-Mail: abr-department@rundum.co.jp

Head Office
1 Iwaseakada-machi, Toyama-shi, Toyama 931-8555, JAPAN
TEL: +81-76-438-1211
FAX: +81-76-438-8667