

MARYLAND REFRACTORIES COMPANY

P.O. Box 267, Salisbury Rd.

Irondale, OH 43932

800-228-4672

Silica Grog Specification Sheet

Silica Grog is produced exclusively from virgin silica brick rejects. Advantages of this grog are price, tightly controlled screen size, high purity and very consistent supply. We own and control the largest supply of silica brick rejects in the U.S.

This grog is extremely refractory and will withstand temperatures above 3200 degrees F. The mineralogy is low in quartz.

Usual single-screened sizes are 4, 10, and 80 mesh.

Typical specifications

PCE	32 to 34
Color	Gray
Moisture	0.5 % max, 0.1 % typical
Bulk Density	1.05 g/cc

Chemical Analysis:

	Range	Typical
SiO ₂	92.00 - 97.00	95.00
Al ₂ O ₃	0.50 - 1.50	0.80
Fe ₂ O ₃	0.50 - 1.50	0.70
CaO	2.30 - 3.50	2.80
MgO	0.09 - 0.50	0.10
TiO ₂	0.01 - 0.50	0.20
Alkalies	0.03 - 0.10	0.07
LOI	0.30 - 0.50	0.40