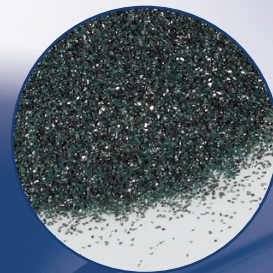
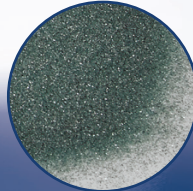


CARBOREX® GREEN



General Inquiries

North & South America

Tel: 1-800-828-1666

Europe

Tel: +44(0)161-848-0271

info@washingtomills.com

www.washingtomills.com

Washington Mills

North Grafton, Inc.

P.O. Box 428

20 North Main Street

North Grafton, MA 01536

Tel: 508-839-6511

Fax: 508-839-7675

Email: info@washingtomills.com

Washington Mills

Electro Minerals Corp.

P.O. Box 423

1801 Buffalo Avenue

Niagara Falls, NY 14302

Tel: 716-278-6600

Fax: 716-278-6650

Email: info@washingtomills.com

Washington Mills

Electro Minerals Corp.

P.O. Box 1002

7780 Stanley Avenue

Niagara Falls, Ontario L2E 6V9 Canada

Email: info@washingtomills.com

Washington Mills

Tonawanda, Inc.

1000 E. Niagara Street

Tonawanda, NY 14150

Email: info@washingtomills.com

Washington Mills

Electro Minerals Ltd.

Mosley Road, Trafford Park

Manchester M17 1NR England

Email: info@washingtomills.com

Washington Mills Hennepin, Inc.

13230 Prairie Industrial Parkway

Hennepin, IL 61327

Email: info@washingtomills.com

Washington Mills AS

NO-7300

Orkanger, Norway

Email: wmas@washingtomills.no

DESCRIPTION

CARBOREX® GREEN is a high purity, semi-friable, medium density, virgin green silicon carbide.

APPLICATIONS

CARBOREX® GREEN is used primarily for pressure blasting, lapping, grinding, and polishing where a higher purity silicon carbide abrasive is desired.

TYPICAL CHEMICAL ANALYSIS

SiC	99.00%
SiO ₂	0.34%
Free Si	0.27%
Fe	0.05%
Al	0.04%
C	0.30%

TYPICAL PHYSICAL PROPERTIES

Crystallography	Alpha silicon carbide in a hexagonal crystal
Color	Green
Specific Gravity	3.20
Knoop ₁₀₀ Hardness	2450
Shape	Blocky, with sharp edges
Grading	FEPA Grain: FEPA 42-1:2006, Powder: FEPA 42-2:2006
Bulk Density	FEPA Grain: 44-1:2006, Powder: 44-2:2006

POWDER SIZES AVAILABLE

230, 240, 280, 320, 360, 400, 500, 600, 800, 1000, 1200, and 1500

GRAIN SIZES AVAILABLE

10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, and 220

SIZE CURVES

See Page 2

This product information is NOT a specification. It is offered in good faith only as a general description of the product. **Washington Mills makes no warranty of merchantability or of fitness for any particular purpose.** The product chemistry and other characteristics may vary or contain trace elements not specifically listed. If your intended application for this product is so critical that relatively minor variations in chemistry or physical properties could cause problems or damage to your process or product, please contact our office for further assistance.

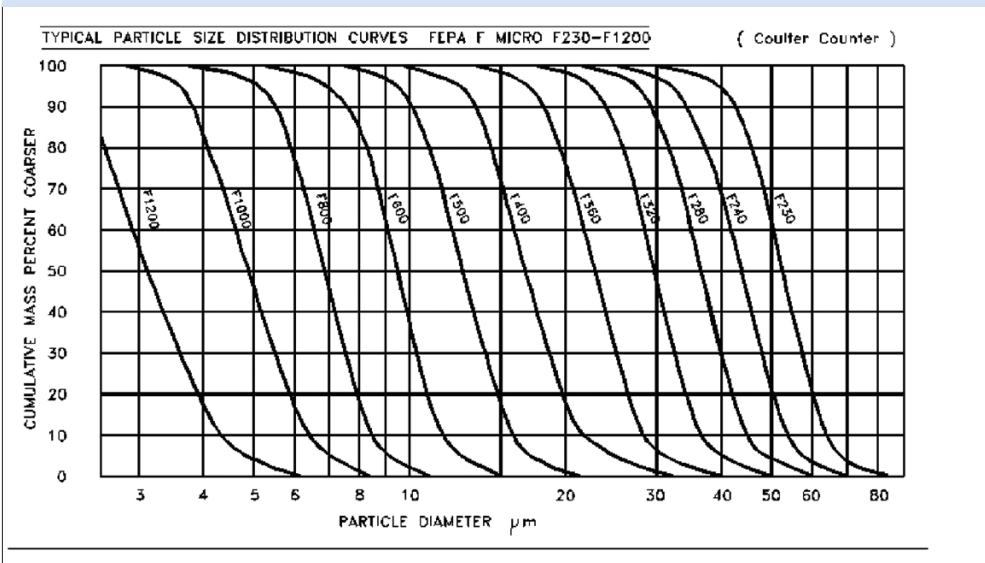
CARBOREX® GREEN (PG.2)

MICRO GRAIN SIZE SPECIFICATION FOR F230 - F1200

The micro F-Series F230 - F1200 for bonded and general uses is manufactured according to the FEPA Standard.

NOMINAL SIZE SPECIFICATIONS			MICROMETERS	
GRIT No.	MEDIAN 50% VALUE	TOLERANCE	94% LIMIT MIN.	3% LIMIT MAX.
F230	53.0	± 3.0	34.0	82
F240	44.5	± 2.0	28	70
F280	36.5	± 1.5	22	59
F320	29.2	± 1.5	16.5	49
F360	22.8	± 1.5	12	40
F400	17.3	± 1.5	8	32
F500	12.8	± 1.0	5	25
F600	9.3	± 1.0	3	19
F800	6.5	± 1.0	2	14
F1000	4.5	± 0.8	1	10
F1200	3.0	± 0.5	1	7

TYPICAL SIZE CURVES



This product information is NOT a specification. It is offered in good faith only as a general description of the product. **Washington Mills makes no warranty of merchantability or of fitness for any particular purpose.** The product chemistry and other characteristics may vary or contain trace elements not specifically listed. If your intended application for this product is so critical that relatively minor variations in chemistry or physical properties could cause problems or damage to your process or product, please contact our office for further assistance.

WASHINGTON MILLS

www.washingtonmills.com