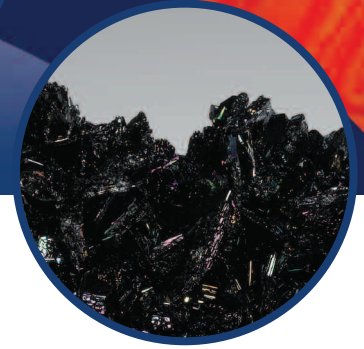
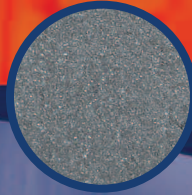




Distributed By:

Dawson-Macdonald Co., Inc.
845 Woburn Street - Wilmington, MA 01887
Phone: (800) 556-4456 (toll free) Fax: (978) 657-8740
E-mail: info@dawson-macdonald.com
Website: www.dawson-macdonald.com

CARBOREX® RA



General Inquiries

Tel: 1-800-828-1666
info@washingtomills.com
www.washingtomills.com

Washington Mills

PO Box 428
20 North Main Street
North Grafton, MA 01536
Tel: 508-839-6511
Fax: 508-839-7675
Email: info@washingtomills.com

Washington Mills

PO Box 423
1801 Buffalo Avenue
Niagara Falls, NY 14302
Tel: 716-278-6600
Fax: 716-278-6650
Email: info@washingtomills.com

Washington Mills

PO Box 1002
7780 Stanley Avenue
Niagara Falls, Ontario L2E 6V9 Canada
Email: info@washingtomills.com

Washington Mills

1000 E. Niagara Street
Tonawanda, NY 14150
Email: info@washingtomills.com

Washington Mills

Mosley Road, Trafford Park
Manchester M17 1NR England
Email: info@washingtomills.com

The Exolon Company

13230 ESK Street
Hennepin, IL 61327
Email: info@washingtomills.com

Orkla Exolon

NO-7300 Orkanger
Norway
Email: orkla.exolon@orex.no

DESCRIPTION

CARBOREX® RA is a black, semi-friable, medium density, virgin silicon carbide abrasive.

APPLICATIONS

CARBOREX® RA is used primarily for gear lapping, flat lapping of metals and ceramics, glass grinding, and granite polishing.

TYPICAL CHEMICAL ANALYSIS

SiC	97.80%
SiO ₂	0.60%
Si	0.80%
Fe	0.20%
Al	0.30%
C	0.30%

GRAIN SIZES AVAILABLE

6, 8, 10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220, and 240

POWDER SIZES AVAILABLE

240, 280, 320, 360, 400, 500, 600, 800, 1000, 1200, F, FF, and FFF

TYPICAL PHYSICAL PROPERTIES

Crystallography	Alpha silicon carbide in a hexagonal crystal
Color	Black
Specific Gravity	3.20
Knoop ₁₀₀ Hardness	2450
Shape	Blocky, with sharp edges
Ball Mill Friability	64 (14 grit)
Grading (Grain)	ANSI B74.12-1992, Table 2 OR FEPA 42-GB-1984 (R1993)
Grading (Powder)	ANSI B74.10-1977 (R1988) OR FEPA 42-GB-1984 (R1993)
Bulk Density (Grain)	ANSI B74.4-1977 (R1992)

TYPICAL BULK DENSITY

Grit	g/cc	Grit	g/cc	Grit	g/cc	Grit	g/cc
6	1.48	20	1.55	60	1.49	150	1.41
8	1.49	24	1.54	70	1.48	180	1.39
10	1.50	30	1.53	80	1.46	220	1.38
12	1.55	36	1.53	90	1.45		
14	1.55	46	1.52	100	1.44		
16	1.56	54	1.51	120	1.43		

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