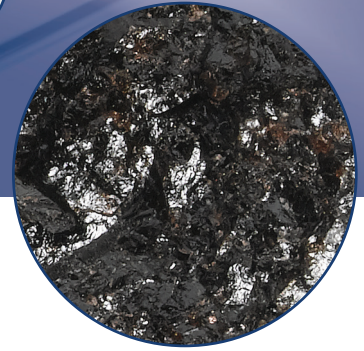
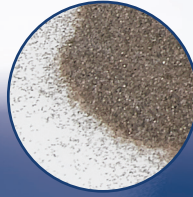


# DURALUM® LT C ART (ANSI GRADED) DURALUM® LT C PRT (FEPA "P" GRADED)



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## DESCRIPTION

DURALUM® LT C ART and DURALUM® LT C PRT are true semi-friable, low titania fused aluminum oxide grains. They are low density abrasives that are angular in shape with sharp edges. DURALUM® LT C ART and DURALUM® LT C PRT exhibit high capillarity for instant adhesion to resin or glue bonds. Their electrostatic characteristics are carefully monitored to provide consistent reliable grain projection in a wide range of electrostatic coating conditions. DURALUM® LT C ART and DURALUM® LT C PRT are treated with both a low temperature heat treatment.

## APPLICATIONS

DURALUM® LT C ART and DURALUM® LT C PRT are used in the production of coated abrasives (cloth, paper, and fiber) for working heat sensitive steels, wood, rubber, etc. where a cool cutting yet aggressive action is needed.

## TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub> (by difference)	98.3%
TiO <sub>2</sub>	1.55%
SiO <sub>2</sub>	0.04%
Fe <sub>2</sub> O <sub>3</sub>	0.04%
Other Oxides	0.07%

## GRAIN SIZES AVAILABLE

16, 20, 24, 30, 36, 40, 50, 60, 80, 90, 100, 120, 150, 180, and 220

## TYPICAL PHYSICAL PROPERTIES

Crystallography	Alpha alumina, in the hexagonal crystal system
Color	Light Brown
Specific Gravity	3.92
Knoop <sub>100</sub> Hardness	2090
Shape	Angular, with sharp edges
Grading	FEPA 43-1:2006
Bulk Density	ANSI B74.4-1992 (R2007)

## TYPICAL BULK DENSITY

Grit	g/cc	Grit	g/cc	Grit	g/cc	Grit	g/cc
<b>P 16</b>	1.83 – 1.98	<b>P 36</b>	1.75 – 1.87	<b>P 80</b>	1.67 – 1.75	<b>P 180</b>	1.54 – 1.65
<b>P 20</b>	1.80 – 1.95	<b>P 40</b>	1.63 – 1.75	<b>P 100</b>	1.63 – 1.75	<b>P 220</b>	1.52 – 1.62
<b>P 24</b>	1.80 – 1.91	<b>P 50</b>	1.75 – 1.83	<b>P 120</b>	1.58 – 1.68		
<b>P 30</b>	1.77 – 1.87	<b>P 60</b>	1.73 – 1.81	<b>P 150</b>	1.56 – 1.66		

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.