

# BLASTITE®

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**BLASTITE®** is a tough, medium-density, virgin fused brown aluminum oxide abrasive, manufactured to handle the toughest blasting applications in industry.

## APPLICATIONS

**BLASTITE®** is designed for the pressure blasting of almost every type of material, including glass, granite, marble and ceramic. It is also used for the preparation of surfaces prior to painting or bonding, as well as for light deburring, scale removal and the generation of matte finishes.

**BLASTITE®** is closely sized, conforming to ANSI B74.12 (Table 3) and enabling operators to consistently duplicate finishes. **BLASTITE®** is produced to conform to C.I.D. A-A-59316, General Electric Aircraft Engine Group D50TF5-S8 Class D, and most Pratt & Whitney Aircraft PMC specifications.

## TYPICAL CHEMICAL ANALYSIS

<b>Al<sub>2</sub>O<sub>3</sub></b> (by difference)	96.00%
<b>TiO<sub>2</sub></b>	2.70%
<b>SiO<sub>2</sub></b>	0.70%
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.15%
<b>CaO</b>	0.15%
<b>MgO</b>	0.30%

## GRAIN SIZES AVAILABLE

16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100,  
120, 150, 180, 220, 240

## TYPICAL SIZE CURVES

See Page 2.

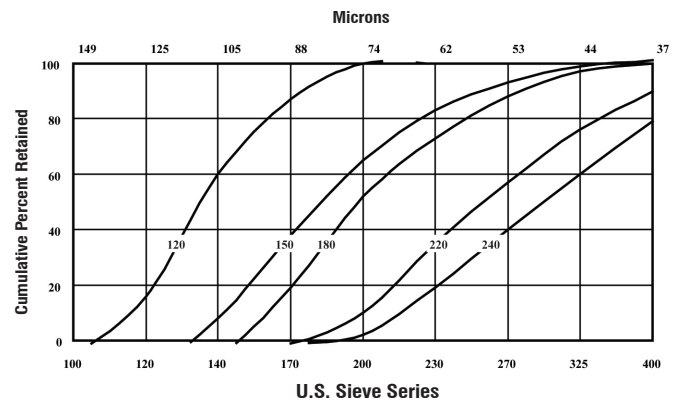
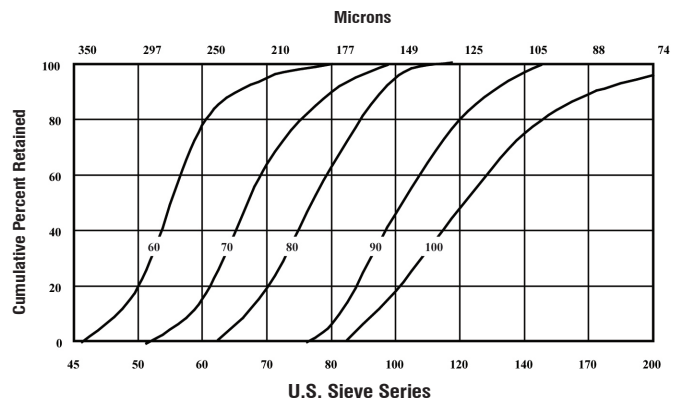
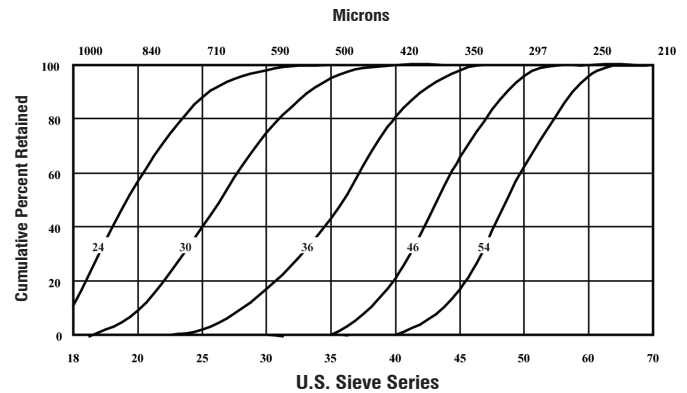
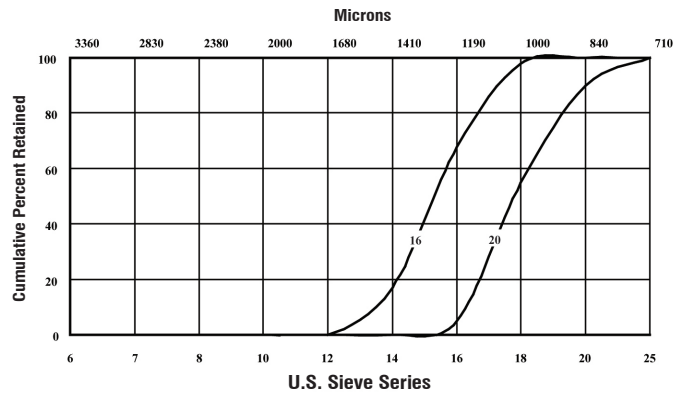
## TYPICAL PHYSICAL PROPERTIES

<b>Crystallography</b>	Alpha alumina in a hexagonal crystal
<b>Color</b>	Brown
<b>Specific Gravity</b>	3.92
<b>Knoop<sub>100</sub> Hardness</b>	2090
<b>Shape</b>	Blocky, with sharp edges
<b>Average Crystal Size</b>	50 (14 grit)
<b>Grading (Grain)</b>	ANSI B74.12-2018 Table 3
<b>Bulk Density (Grain)</b>	ANSI B74.4-1992 (R2019)

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.

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## TYPICAL SIZE CURVES



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