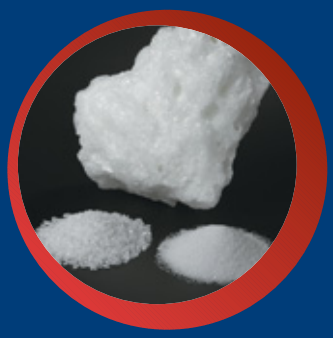
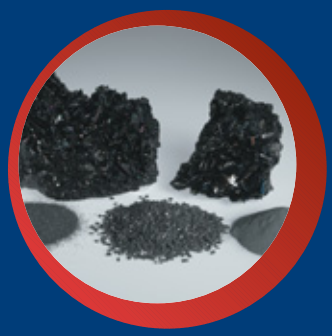




Composition Analysis of Washington Mills' Blasting Grains

BLASTITE® NIAGARA BLAST®

AL_2O_3	96.12%
TiO_2	2.70%
SiO_2	.67%
Fe_2O_3	.11%
Other Oxides	.40%

DURALUM® SPECIAL WHITE

AL_2O_3	99.60%
SiO_2	0.03%
Fe_2O_3	0.02%
Na_2O	0.35%

CARBOREX® RA

SiC	97.60%
SiO_2	0.60%
Si	0.80%
Fe	0.20%
Al	0.30%
C	0.50%

Hardness Comparisons

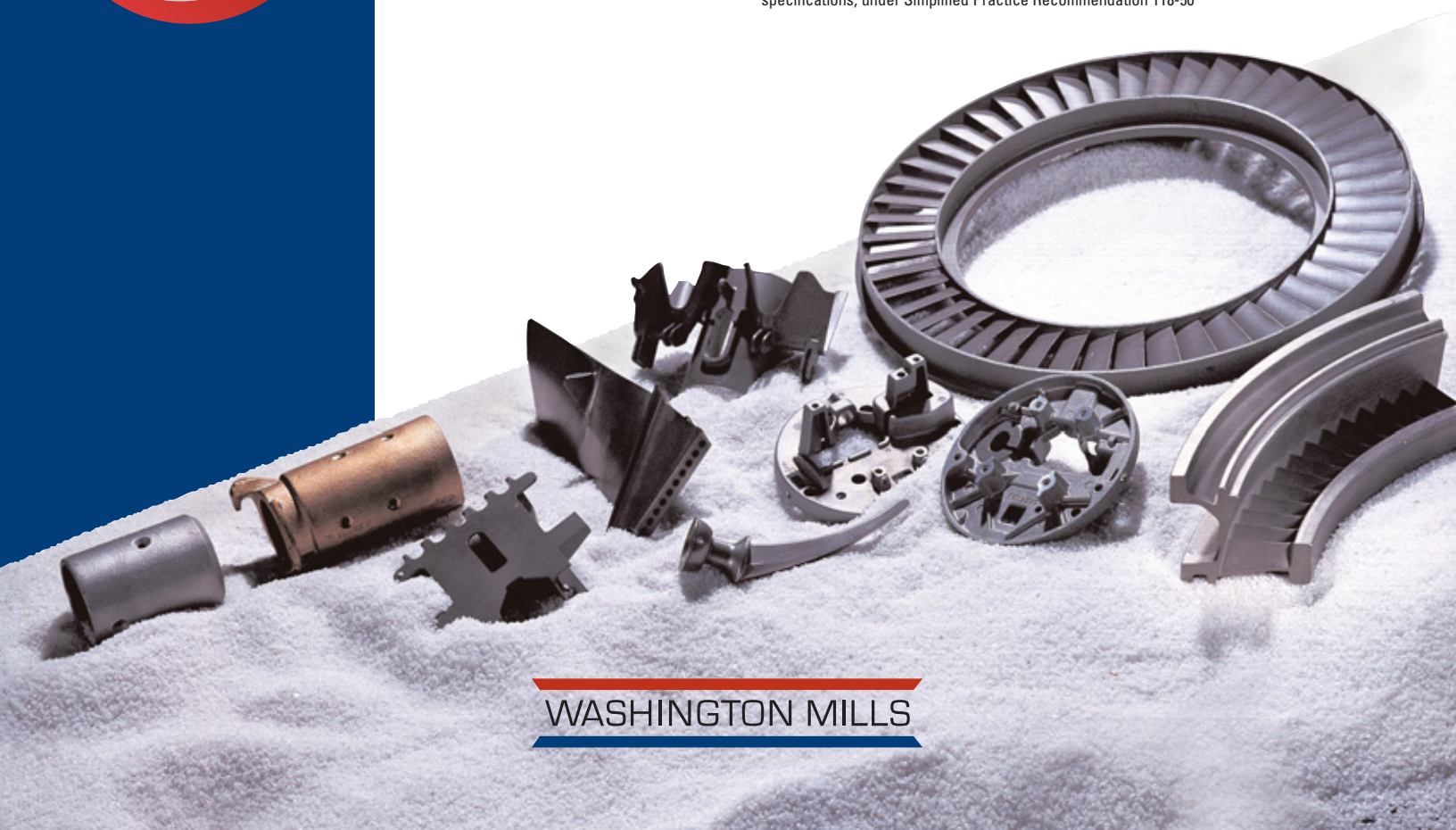
Blasting Media	MOHS Value	Knoop Value
Diamond	10.0	7000
CARBOREX RA® (SiC)	9.5	2480
BLASTITE® (aluminum oxide)	9.0	2100
Garnet	7.0	1360
Quartz	7.0	820
Sand	6.0	560

* The MOHS Hardness Scale measures the hardness of aluminum oxide in relation to other blasting media – on a scale of 1-10.
* The Knoop scale measures hardness on a scale of 0 – 7,000

Grit Size Conversion

Grit Size	Inches (average)	Microns (average)
16	0.043	1092
20	0.037	940
24	0.027	686
30	0.022	559
36	0.019	483
46	0.014	356
54	0.012	305
60	0.010	254
70	0.008	203
80	0.0065	165
90	0.0057	145
100	0.0048	122
120	0.0040	102
150	0.0035	89
180	0.0030	76
220	0.0025	63

* The conversions listed are for various grits sized according to the Bureau of Standards specifications, under Simplified Practice Recommendation 118-50



WASHINGTON MILLS