

Abrasives Comparison (Air Blasting)

Material	Shape	Density (Pounds / cf)	Hardness	Friability	Number of Cycles	Typical Applications
Aluminum Oxide	Angular	100	9.0 Mohs	Medium	6 - 8	Cleaning, Finishing, Deburring, Etching
Glass Bead	Round	100	5.50 Mohs	Medium	8 - 10	Cleaning, Finishing
Silicon Carbide	Angular	95	9.5 Mohs	Medium	5 - 6	Surface Preparation on Extremely Hard Surfaces
Plastic	Angular	45 – 60	3.0 – 4.0 Mohs	Low / Medium	8 - 10	Paint Stripping, Cleaning, Deflashing
Sodium Bicarbonate	Crystalline	60	2.5 Mohs	High	1	Cleaning, Coating Removal
Ceramic Shot	Round	150	8 Mohs	Low	80 - 100	Cleaning, Finishing, Peening
Ceramic Grit	Angular	145	8 Mohs	Low	60 - 80	Cleaning, Finishing, Deburring, Etching
Steel Shot	Round	300	42 – 50 Rc	Low	200+	Cleaning, Finishing, Peening
Steel Grit	Angular	300	42 – 62 Rc	Low	200+	Removing Heavy Scale
Stainless Shot	Round	295	30 Rc	Low	200+	Cleaning, Finishing
Stainless Grit	Angular	300	56 – 60 Rc	Low	200+	Cleaning, Finishing, Deburring, Etching
Garnet	Angular	145	7.5 Mohs	Medium	2 - 3	Outdoor Blasting
Corn Cob	Angular	25	4.5 Mohs	Medium	4 – 5	Paint Removal, Cleaning
Slag	Angular	85 - 110	7.0 Mohs	High	1 – 2	Outdoor Blasting