



**Dawson-Macdonald Company, Inc.** Since 1928  
 845 Woburn Street, Wilmington, MA 01887  
[info@dawson-macdonald.com](mailto:info@dawson-macdonald.com)  
 T: (978) 988-8034 F: (978) 657-8740

## Blasting Media Comparison Chart

	Aluminum Oxide	Crushed Glass Grit	Glass Beads	Silicon Carbide	Plastic Abrasives
<b>Description</b>	Sharp, long lasting media for fast etching & profiling; Brown/black or White	Silica-free, 100% recycled glass; Efficient, economical stripping	Round, soda-lime glass to produce a bright, satin finish; Minimizes stress on part	Very hard, aggressive cutting media; Ideal for stone, glass and hard surfaces	Abrasive, soft media designed for automotive & aerospace applications
<b>Surface Profile</b>	High etch	Medium-high etch	No etch, satin finish	Very high etch	No etch, stripping
<b>Working Speed</b>	Fast	Fast	Medium-fast	Very fast	Medium
<b>Recyclability</b>	High	None; consumable	High	High	High
<b>Surface Removal</b>	Yes	Slight	Slight	Yes	Slight
<b>Hardness, Moh</b>	8 - 9	5 - 6	5 - 6	9 - 9.5	3 - 4
<b>Bulk Density</b>	110 lbs/ft <sup>3</sup>	100 lbs/ft <sup>3</sup>	95 lbs/ft <sup>3</sup>	90 lbs/ft <sup>3</sup>	50 lbs/ft <sup>3</sup>
	Steel Shot	Steel Grit	Corn Cob	Walnut Shells	
<b>Description</b>	Carbon steel, round spheres designed for polishing and peening applications	Angular, carbon steel for fast stripping & aggressive cleaning	Organic, soft media ideal for soft surfaces such as wood	Angular, organic grit for mildly aggressive stripping w/out damage to surface	
<b>Surface Profile</b>	No etch	High etch	None	Low etch	
<b>Working Speed</b>	Medium	Medium-fast	Slow	Medium-slow	
<b>Recyclability</b>	Very high	Very high	Low	Low	
<b>Surface Removal</b>	No	Moderate	No	Very slight	
<b>Hardness, Moh</b>	40-51 HRC	40-65 HRC	4 - 4.5	4.5 - 5	
<b>Bulk Density</b>	230 lbs/ft <sup>3</sup>	260 lbs/ft <sup>3</sup>	40 lbs/ft <sup>3</sup>	50 lbs/ft <sup>3</sup>	