



Blasting with Agrashell

<i>Finishing</i>	<i>Cleaning / Removal</i>	<i>Peening</i>	<i>Surface Profile (Etch)</i>	<i>Working Speed</i>	<i>Recyclability</i>	<i>Probability of Metal Removal</i>	<i>Hardness MOH Scale</i>	<i>Bulk Density (lb/cu ft)</i>	<i>Mesh Size</i>	<i>Typical Blast Pressure</i>	<i>Shape</i>
No	Yes	No	Yes	Low	Low	V-Low	1-4	40-80	Many	20-40	◇

Walnut shells are ground into various grit sizes to be used for cleaning and polishing. Size of grit needed is generally determined by the weight and character of the parts to be processed. Consider the size of perforations or holes through which the walnut shells must pass when screen separating parts from media after use. Walnut shell blasting media is ideal for general purpose deflashing of plastic parts and for tumble polishing of metals such as aluminum, bronze and brass.

Applications for Walnut Shell Abrasive Blasting Grit

Crushed walnut shells can be used in a variety of other applications such as to prevent lost circulation in oil well drilling. Walnut shell grit is also used heavily as a non-skid enhancer in abrasive paints around swimming pools, walkways, dock boards and paddleball courts. Walnut shell media is the hard fibrous product made from crushed walnut. When used as a walnut shell tumbling media, crushed walnut shells are extremely durable, angular and multi-faceted, yet considered a 'soft abrasive'.

Advantages of Walnut Shell Media:

- Excellent durability; reusable
- Biodegradable
- Non-toxic - no health or environmental hazards
- Excellent media for tumbling and vibratory operations
- Reduces cycle time of finishing operations
- Preserves micro-finishes
- Allows preservation of base or primer coats while removing top coats of paint

Description	Mesh
Flour Grades	-325
	-200
	-100
	60/100
	40/100
Extra Fine	40/60
Fine	20/40
Medium	12/20
Coarse	8/12
Extra Coarse	4/6

A BLAST CLEANING MEDIA

- For removal of paint, flash, burrs, and other flaws in plastic and rubber molding, aluminum and zinc die casting, and electronics industries.
- As a sand replacement for paint removal, graffiti removal, and general cleaning in restoration of buildings, bridges, and outdoor statuary.
- For aircraft engine cleanout.
- For cleaning steam turbines.