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## PRODUCT INFORMATION

# Walnut Shell

### General Description

Walnut shells are a hard organic abrasive that are chemically inert, non-toxic and biodegradable. When ground and sized, walnut shells have a wide variety of uses.

### Applications

Walnut shells are used as media in abrasive blast to polish and clean soft metals, plastics, wood and stone. They are used for surface preparation of parts and equipment to be painted. The walnut shell is an effective deburring product for moldings, castings and electrical parts, etc. Shells are also used in barrel tumbling applications to clean and polish. Other utilizations of the walnut shell are: scrubs in the cosmetic and soap industry; filter media for hydromation systems; extenders in adhesives; fillers in castings; and as loss circulation material in the oil industry.

### Advantages & Benefits

- ▶ Cost effective
- ▶ Excellent durability and elasticity
- ▶ Cleans without leaving scratches or pitting
- ▶ Environmentally friendly

### Chemical Analysis

Chemical	% by weight	Chemical	% by weight
Nitrogen	0.10	Methoxyl	6.5
Cellulose	40/60	Chlorine	0.10
Lignin	20/30	Ash	1.5
Toluene Solubility	5/1.0	Cutin	1.0

### Physical Properties

- ▶ Light brown in color
- ▶ Specific gravity between 1.2 and 1.4
- ▶ Moisture should not exceed 11% by weight
- ▶ Hardness on Mohs scale - 3

### Packaging Information

Walnut shell is primarily packaged in a plain multi-walled paper bag, with a net weight of 50 lbs. The bags are palletized 40 bags on a 40" x 48" pallet and stretch wrapped. Other packaging options include a 250 lb. drum, 1,000 lb. box and a 2,000 lb. tote bag.

### Storage Information

The walnut shell should be stored in a normal dry storage. The product will keep indefinitely under these conditions.

### Availability Information

Please contact us at: Marco  
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