

ORGANIC PRECISION BLASTING MEDIA (CORN COB & WALNUT SHELL)

Quality Grade: Export First-Class A1 | Compliance: FEPA 42-1:2006 / JIS R6001 / ISO 8486

1. TYPICAL CHEMICAL COMPOSITION (%)

Constituent	Cellulose	Lignin	Hemicellulose	Ash Content
Walnut Shell	40 - 45 %	35 - 40 %	20 - 25 %	· 1.5 %
Corn Cob	42 - 46 %	15 - 20 %	30 - 35 %	· 1.8 %

2. PHYSICAL & MECHANICAL PROPERTIES

Property	Specific Gravity	Mohs Hardness	Color	Elasticity
Walnut Shell	1.2 - 1.4 g/cm ³	3.0 - 3.5	Brown granular	High resilience
Corn Cob	1.0 - 1.2 g/cm ³	2.5 - 3.0	Beige granular	Soft, non-scratch

3. AVAILABLE SIZES & GRIT CLASSIFICATION

- Walnut Shell Grades: 6/10, 8/12, 12/20, 18/24, 20/30, 30/60, 60/100 Mesh.
- Corn Cob Grades: 10/14, 14/20, 20/30, 30/60 Mesh.

4. PRIMARY INDUSTRIAL APPLICATIONS

- Non-abrasive cleaning and deflashing of electronic components, turbine blades, and automotive valves.
- Gentle paint stripping and graffiti removal from architectural stone, wood, and vintage cars.
- Vibratory tumbling and burnishing of optical eyewear frames and jewelry.

5. PACKAGING, CERTIFICATION & EXPORT LOGISTICS

- 20 kg / 25 kg multi-wall craft paper bags, palletized.

MANUFACTURER QUALITY STATEMENT & EXPORT GUARANTEE:

Every batch undergoes rigorous XRF chemical analysis, bulk density and laser particle sizing before dispatch.

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QC APPROVED

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