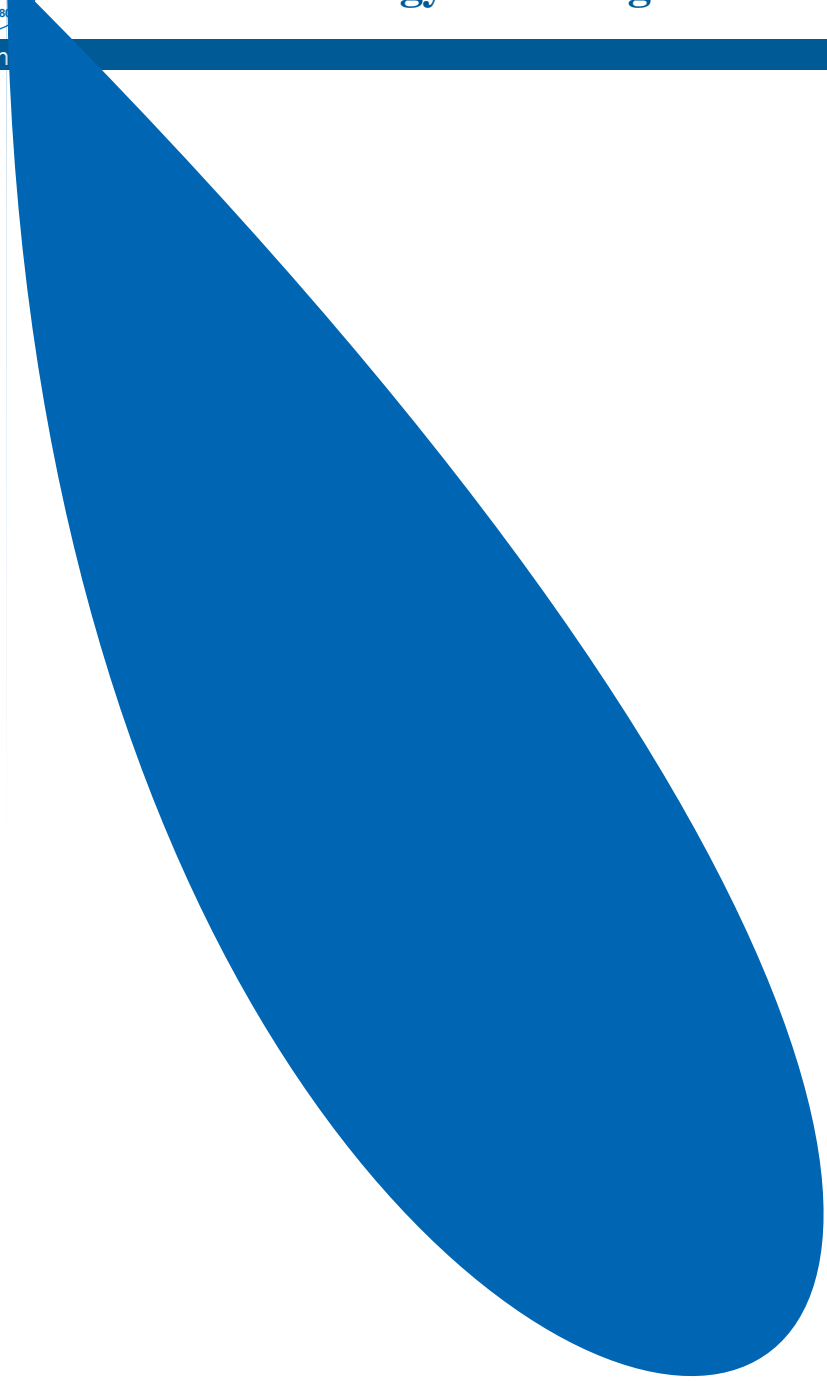




# Journal of Powder Metallurgy & Mining

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be used once. At temperatures over 60°C, sodium bicarbonates start to decompose into sodium carbonate, which is very corrosive [7].

Advantages:

- Low dust production when used in wet mode.
- Water dissolving characteristics reduces the potential impact of ingress on of -aircraf parts with complex interiors.
- Equipment cost operator skills and engineering support: low to moderate.
- Disadvantages
- Can be aggressive on delicate substrates.
- Corrosion by sodium carbonate is a concern.
- Media can only be used once.

**Agricultural by-products:**

Walnut shell media is a popular agricultural media. A by-product, it is usually made from English walnut, which has a Moh's hardness between 3.0 and 4.0 and a specific density of 1.2 to 1.4 g/cm<sup>3</sup>.

8. HART WGJ (2003) Paint stripping techniques for composite aircraft components, National Aerospace Laboratory Technical Publication, NLR-TP-2003-357, p: 13.
9. Meguid SA (1991) Effect of partial-coverage upon the fatigue fracture behavior of peened components, Fatigue Fracture Engineering Material Structures, Fatigue of Engineering materials Ltd. 8756-758X 14: 515-530.