



Green Diamond vs. Garnet

Green Diamond Performance Materials delivers the most cost-effective, best profiling, consistent and environmentally friendly blast cleaning abrasives in the industry.

Total Cost: Cleaning rate, material cost and an optimized flow rate, dictate the total cost of blast abrasive cleaning and surface preparation. Superior cleaning rates and low material costs make Green Diamond Abrasives the most cost-effective in the industry.

Cost and Efficiency of Green Diamond Abrasives vs. Garnet



	Fine	Extra Fine
Total Cost Savings GDPM	11%	12%

Independent testing reveals that with comparable removal rates Garnet has a higher total cost compared to Green Diamond Performance Materials when blasting to an SP-5 white metal surface on SSPC Grade B new steel at 100 psi, measured at the nozzle, and optimized flow-rate for each abrasive's bulk density. These results are reported as percentages relative to the measured performance of Green Diamond Abrasives. Delivered costs of material will vary based on packaging, location and quantity. Individual results may vary.

Price does not equal performance: It is no secret that Garnet is a top performing blast media, but in terms of total cost, it trails behind Green Diamond. Recent tests show that Green Diamond Abrasives and Garnet are near equal performers but Green Diamond comes at a much lower price. Total cost savings are easily realized without sacrificing cleaning rates or depth of profile.

Availability: According to the USGS, only 3.1% of all Garnet is mined domestically, making it susceptible to supply interruptions. As was experienced in 2016 and 2017, geopolitical instability resulted in major supply disruptions to the US, and as a result, prices skyrocketed. Green Diamond Abrasives will always be readily available and price stable because they are single sourced in Riddle, Oregon from our exclusive 10-million-ton mineral reserve, equal to +40 years of production.

Green Diamond Abrasives:

- Lower total cost
- Perform on a world-class level
- Are single sourced from within the USA
- No respirable free silica
- Meets health and safety compliance
- Clean and consistent
- Outstanding customer service

Green Diamond Performance Materials

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