

FREQUENTLY ASKED QUESTIONS REGARDING PEERLESS METAL POWDERS & ABRASIVE PRODUCTS.

- 1. Are Peerless Abrasives New or Remanufactured?**
Peerless Shot, Peerless Grit, and Peerless GN Steel Grit are **100 % NEW PRODUCT.**
- 2. How does Peerless Metal Powders Manufacture?**
Our products are not a cast product but a **FORGED** product. Our raw feed for Peerless Shot and Peerless GN Grit is wrought forging steel which we cold work into appropriate sized particles. Peerless's cold worked forged steel abrasive has a greater durability than cast steel shot.
- 3. Why is Peerless Steel Shot irregular in shape vs. round like cast steel shot?**
Peerless cold works to densify the processed select carbon steel scrap to meet 2,000 pounds net per U.S. 55 gallon steel drum. Peerless Steel Shot will continue to cold work into a round particle shape in your blast machine. The addition of our raw irregular shaped shot to your blast machine operating mix will increase the blasting cleaning efficiency.
- 4. Why is there a variation in the color of Peerless Steel Shot and Peerless GN Grit?**
Cold working generates heat that causes the products to have different colors. All colors of material are premium quality. The operating temperature of the cold working mill controls the color of the final product. Mill temperature is determined by the volume of work being processed in the mill at any given moment.
- 5. Why does Peerless tell new users not to purge their system?**
Due to the somewhat different particle shape than cast steel shot our new abrasives, until conditioned into an operating mix, require a slightly higher angle of repose to flow than cast steel shot. Adding only new abrasive to a purged system also results in an incorrect operating mix that will cause a rough, poorly cleaned surface.

6. Does one have to adjust the blast machine to use Peerless Products?

Normally no adjustments are required.

7. Why use Peerless Metal Powders instead of competitor's abrasives?

Peerless Steel Shot is priced at a lower price than cast steel abrasives. The combination of lower price, excellent cleaning, and superior durability make Peerless Steel Shot an attractive blast media for cleaning castings, forgings, fabrications, etc.

Peerless Steel Shot is available in one Hardness Range 40-45 Rc.

Peerless Steel Shot is available in sizes SN-170 through SN-660.

Peerless Steel Grit vs. Cast Steel Grit

Produced by hardening, crushing and tempering select carbon steel scrap, Peerless Grit is a *clean*, hyper-angular, aggressive blast media which is ideal for both centrifugal wheel blast and air-blast applications.

Peerless Steel Grit is available in all four hardness ranges SG, MG, LG & HG.

Peerless GN Steel Grit™ vs. Cast Steel Grit

Peerless GN Steel Grit blast media is produced by cold working carefully selected and certified premium quality carbon steel scrap and conditioning the resulting product.

Peerless GN Steel Grit hardness is 44 Rc, the same hardness as standard SG hardness grit.

Peerless GN Steel Grit is available in sizes GN-18 through GN-325.

Peerless GN Steel Grit is ideally suited for either centrifugal wheel blast or air-blast applications.