



# HPG

## High-Productivity Grit designed for desanding operations

HPG, our Premium cast steel media for foundries, is an angular abrasive specifically designed to improve the cleaning and descaling performance of shot blasting. It works faster and lasts longer than typical cast steel shot. Its ability to remove and clean sands, resins or steel scale is unmatched.



High productivity grit  
for cleaning operations



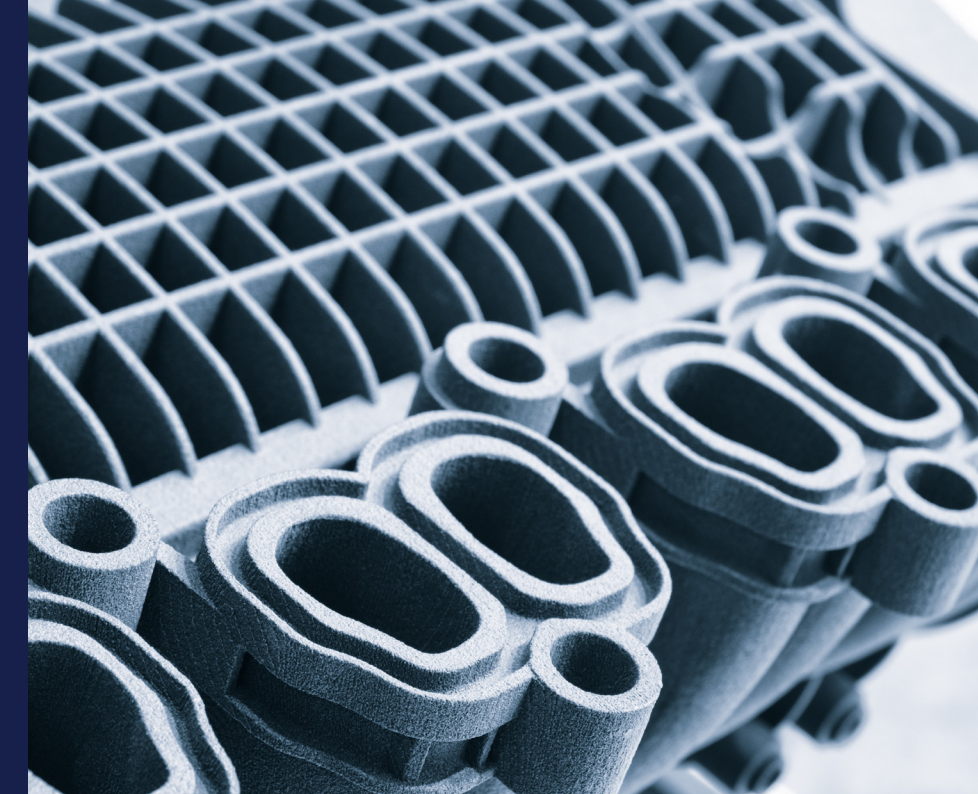
Homogeneous and  
stable operating mix



Elliptic  
grain shape



Long life



### USERS BENEFITS

#1

#### Cleaning efficiency

- Optimal grit hardness allows the use of smaller particles for better and faster cleaning & desanding of internal and external casted surfaces
- Provides a smoother and more uniform surface profile

Thanks to its superior efficiency and resistance to breakage, HPG can be used with higher than standard projection velocities (90 m/s or above) in order to treat difficult parts or areas that cannot be properly cleaned with standard shot.

### USERS BENEFITS

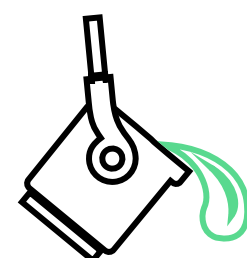
#2

#### Total Cost Reduction by 15%

Due to its higher performance capability, typical savings are:

- 10% increase in productivity / capacity
- 10% reduction in blasting cycle time
- 30% less energy consumption (ISO 14001)
- 10% decrease in abrasive consumption

### MARKETS AND APPLICATIONS

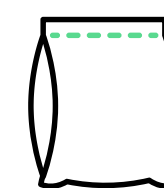


Desanding and descaling  
in foundries and forges

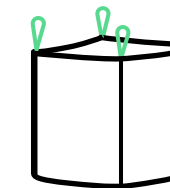
### SPECIFICATIONS

Product name	HPG 2	HPG 4	HPG 6	HPG 8
Nominal size (Sieve #)	1,70 mm (#12)	1,40 mm (#14)	1,18 mm (#16)	1,00 mm (#18)
Hardness	48 - 52 HRC			
Density	Absolute ≥ 7 g/cm³		Apparent ≥ 4 g/cm³	
Chemical composition	Carbon: 0.80 to 1.20% Manganese : 0.6 to 1.20% Silicon : 0.40% min Phosphorus : 0.05% max Sulfur : 0.05% max			
General shape	Angular			

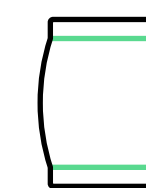
#### Packaging



**BOXED BAGS**  
1000 kg (2,205 lb)  
40 bags of 25 kg (55 lb)  
per pallet



**BIG BAG**  
1000 kg  
(2,205 lb)



**DRUM**  
771 kg  
(1700 lb)



STANDARD SHOT



HPG

Customized packing available upon request

W Abrasives  
by Winoa

