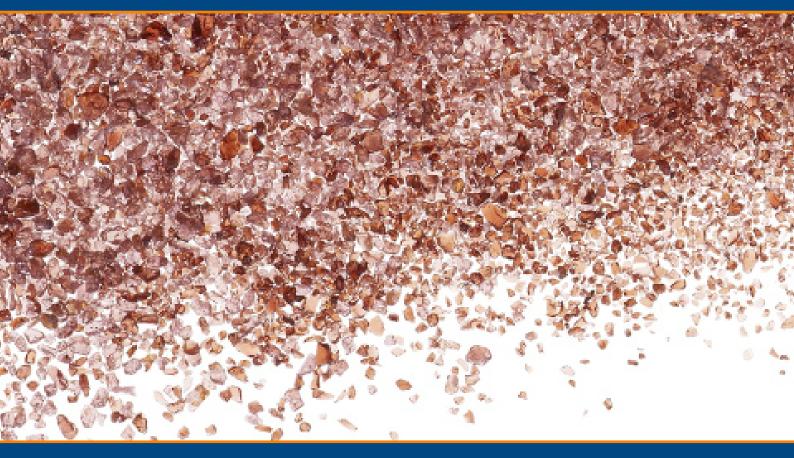


# **AIRBLAST ABRASIVES**

Garnet



### **Product and Applications**

Garnet is a natural mineral abrasive which is irregularly shaped with polished edges, it contains no heavy materials and has a low level of free silica. Because garnet is very heavy and hard for a mineral abrasive it accomplishes a fast cleaning or cutting rate. Our garnet is the abrasive of choice for water jet cutting and blasting applications. Some of the advantages of garnet are; fast cleaning and cutting, relatively low dust generation as compared to copper- or coal slag, environmental friendly and reusability.

### **Chemical composition**

Almandine Garnet	Fe3Al2(SiO4) 3	80-85%
Ilmenite	FeTiO3	15-20%

<sup>\*\*</sup> Full analysis on application

## **Physical properties**

Grain Shape : Angular
Colour : Red / Pink
Hardness : 7,8 - 8,00 Mohs
Bulk density : 2,30 g/cm3
Specific Gravity : 4,10 g/cm3

: < 30 ppm

Conductivity :  $< 250 \mu S/cm$  (test method ISO 11127)

#### **Size**

Chlorides

Grade	Profile range (µm)	Size range (µm)
	Waterjet cutting	
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W80		150-425
W120		125-300
	Blasting	
20/60	65-95	250-850
30/60	50-75	250-600
20/40	70-110	425-850

### **Packaging**

- 25kg pp bags in a big bag (1.000kg)
- 1 ton in big bag
- 2 tons in big bag