

Premium Garnet Information For Surface Preparation and Waterjet Cutting Applications

SSPC-AB1 Certified & CARB Approved



Technical Specifications & Typical Physical Characteristics



RockRidge Garnet offers a wide array of sizes to ensure maximum performance for a variety of blasting and water jet cutting applications. Our garnet is a naturally occurring mineral that is composed mainly of Almandine. This material is known for its natural hardness and durability, which allows for increased efficiency. RockRidge Garnet is environmentally inert and meets all Occupational Health and Safety standards with < 1.0% free silica.

Typical Physical Characteristics

Specific Gravity	3.8 - 4.1
Bulk Density	2.1 - 2.4 g/cm ³
Mohs Hardness	7.5 - 8.0
Color	Dark Red / Pink
Grain Shape	Sub Angular
Acid Solubility (HCl)	< 1.0%

Size Typical Mil Profile Typical Chloride Content*

Size	Typical Mil Profile	Typical Chloride Content*
36	3.3 ~ 3.8 mil	2 ppm
30/60	2.8 ~ 3.2 mil	3 ppm
50	2.7 ~ 2.8 mil	*Testing Method: ISO11127-7
80	2.3 ~ 2.7 mil	
120	1.8 ~ 2.2 mil	

Stocking Locations

Houston ~ Walton Barge

13040 Market St
Houston, TX 77015

Cincinnati ~ Cincinnati Barge & Rail

1707 Riverside Dr.
Cincinnati, OH 45202

Los Angeles ~ STG Logistics South Point ~ ROC Minerals Baltimore ~ CST Warehouse

14445 Alondra Blvd.
La Mirada, CA 90638

2531 County Rd 1
South Point, OH 45680

1205 68th St
Baltimore, MD 21237

Packaging Capabilities

- 55 lb bags
- 1 mt super sacks
- 2 mt super sacks

Contacts

Kelli Sondel ~ Order Placement

ksondel@gnpgraystar.com
(716) 759-6600 x1044

Tom Corey ~ Availability/Logistics

tcorey@gnpgraystar.com
(281) 798-8172





Typical Sizing

36

Sieve	µm	%
18	1000	0
20	850	0-5
30	600	10-20
35	500	65-75
40	425	8-15
-40	-425	3-7

30/60

Sieve	µm	%
20	850	0
30	600	5-15
35	500	25-35
40	425	20-30
50	300	25-35
60	250	0-10
-60	-250	0-3

50

Sieve	µm	%
30	600	0
35	500	0-5
40	425	15-25
50	300	65-80
60	250	2-7
-60	-250	0-5

80

Sieve	µm	%
40	425	0
50	300	16-22
60	250	36-42
70	212	29-35
80	180	3-9
100	150	0-4
-100	-150	0-2

100

Sieve	µm	%
50	300	0
70	212	15-25
80	180	35-50
100	150	20-30
120	125	6-14
-120	-125	0-4

120

Sieve	µm	%
70	212	0
100	150	30-40
120	125	30-40
140	106	5-10
170	90	3-7
-170	-90	3-7

*100 grit from factory only