

From the roof to the road to the dinner table, our rocks improve lives.

# Algae Resistant Roofing Granules Technical Product Summary

For almost 100 years, SGI has been a leader in supplying specialized mineral products to the North American building materials industry. Consistent, high-quality products, science-backed solutions, and exceptional customer service set SGI apart, and make SGI products the preferred choice.



## **Baserock Properties**

Specific Gravity (SGI MP-33) Bulk Density - Loose in lbs./ft<sup>3</sup> (SGI MP-13) Hardness - Barrett (SGI MP-7) Moisture (Prior to oiling)

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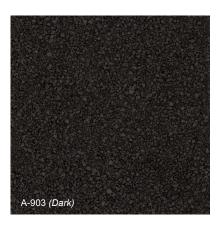
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2.60-2.70				
88-93				
91-97				
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#### Typical Granule Screen Grading (ASTM D-451)

STANDARD SIEVE				
TYLER	U.S.			
8	8			
10	12			
14	16			
20	20			
28	30			
35	40			
Pan	Pan			

PERCENT RETAINED				
MINIMUM	MAXIMUM			
0	Tr			
4	10			
30	45			
25	35			
14	24			
2	9			
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Discoloration of roofing shingles has been a long-standing issue caused by terrestrial blue-green algae. The issue is common throughout both the United States and Canada.

SGI research has demonstrated the efficacy of our algae-resistant granules when used as a uniform blend on asphalt roofing shingles.

## <u>Color</u>

Algae-resistant roofing granules are available in neutral, light, and dark colors for blending. Fired granule appearance prior to oiling will be  $\pm 1.0$  color units of standard for L, a, b, scales (SGI MP-23).

Color Permanence is demonstrated by long-term performance in natural weathering and short-term testing using accelerated weathering equipment.

### Availability

SGI | Annapolis Plant Annapolis, MO Plant Phone: 573-598-4235 Customer Service: 866-266-8503