



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

Roofing Granules | #11 Grade | Kremlin 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.

Granule Properties

Specific Gravity (SGI HLP-74)
Bulk Density - Loose in lbs./ft³ (SGI MP-13)
Baserock Hardness - Barrett (SGI MP-7)
Moisture

Typical

2.68-2.87
88-91
>80
<0.2%

Granule Screen Grading (SGI MP-5 or MP-81)

STANDARD SIEVE		PERCENT RETAINED	
Tyler	U.S.	Minimum	Maximum
8	8	0	Trace
10	12	4	10
14	16	30	45
20	20	25	35
28	30	14	24
35	40	2	9
Pan	Pan	0	2

Color

Available in shades of black, gray, white, buff, brown, tan, red, blue, and green.

Fired granule appearance prior to oiling will be +/-1.0 color units of standard 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 | Kremlin Plant
Pembine, WI
Plant Phone: 715-324-5201
Customer Service: 866-266-8501