



Roofing Granule Data Sheet

#14 Grade

Corona

3M #14 Grade Roofing Granules are ceramic-coated minerals used as surfacing material in roofing products.

Grade: (3M TM-006 or 3M TM-085)

% Retained Specification

<u>Minimum</u>	<u>Maximum</u>	<u>U.S. Sieve No.</u>	<u>Nominal Opening</u>	<u>Typical % Ranges*</u>
0.0	0.0	8	2.36 mm	-
0.0	0.3	12	1.70 mm	-
0.5	15.0	16	1.18 mm	-
-	-	20	850 μ m	38 - 62*
-	-	30	600 μ m	23 - 38*
-	-	40	425 μ m	1 - 18*
0.0	4.0	- 40	- 425 μ m	-

*Typical retained range; not covered by specification.

Dust: 0.2% Maximum <100 Mesh US Sieve (150 μ m) (3M TM045)

Deoiled Color: Shipments will be \pm 1.0 unit to standard for L*a*b* (3M TM007)

Moisture Content: 0.3% Maximum (3M TM057)

Color Durability: Has been proven by long-term field performance and accelerated weathering tests

Opacity: 3M Roofing Granules are opaque to protect the asphalt substrate from the effects of sunlight

Hardness: 6.0-7.0 Moh's Mineral Scale

Bulk Density: 91-97 lbs./ft.³ Packed (3M TM058)

Specific Gravity: 2.55 - 2.70 (3M TM001)

Colors: Various shades of Black, Blue, Brown, Buff, Green, Grey, Red, White

Availability: 3M Industrial Mineral Products Division
Corona, California 951-737-3441, Fax 951-735-9146

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