

3M™ Blended #11 Grade Roofing Granule Little Rock

Product Data Sheet

3M #11 Grade Blended Roofing Granules are combinations of ceramic-coated minerals used as surfacing material in asphalt roofing products. These granules are colored with durable pigments, bonded in a ceramic matrix and treated to promote adhesion to asphalt.

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

<u>% Retained Specification</u>		<u>U.S. Sieve No.</u>	<u>Nominal Opening</u>	<u>Typical % Ranges*</u>
<u>Minimum</u>	<u>Maximum</u>			
0.0	0.1	8	2.36 mm	-
4.0	10.0	12	1.70 mm	-
-	-	16	1.18 mm	30 – 50*
-	-	20	850 µm	20 – 40*
-	-	30	600 µm	10 – 30*
-	-	40	425 µm	1 – 10*
0.0	2.0	-40	-425 µm	-

*Typical retained range; not covered by specification.

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

Deoiled Color: Individual product components will be +/- 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: 93-99 lbs./ft.³ Packed (3M TM058)

Specific Gravity: 2.55-2.70 (3M TM001)

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Colors: Black, Brown, Buff, Tan, Grey, White, Green, Red and blends of such colors.

Blend color components:

Item No.	LR Blend	2200	3700	4100	4600	4950	5100	5300	6500	6800	7100	7600	9300
1	B201L	X		X	X					X			
2	B301L		X				X						
3	B450L			X	X		X						
4	B470L			X					X				
5	B501L						X	X					
6	B530L						X	X			X	X	
7	B550L						X					X	X
8	B570L						X					X	
9	B601L			X					X	X			
10	B650L			X	X				X	X			
11	B701L			X						X	X	X	
12	B750L			X		X					X	X	
13	B801L			X	X		X						

Each production blend is visually matched against a representative color sample board. 3M warrants that its blended roofing granules will correspond to the representative color sample board in effect at the time 3M ships the product.

Availability: 3M Industrial Mineral Products Division
Little Rock, Arkansas 501-490-1509, Fax 501-490-1407

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