

3M™ Natural Pozzolan NP200C Supplemental Cementitious Material Corona

Product Data Sheet

The 3M Corona Plant has been in continuous operations since 1948. Our primary product lines are color coated roofing granules and what we have recently discovered is that we have been producing an ASTM C 618/ASHTO M 295 Natural Pozzolan as a byproduct. We are pleased to offer NP200C as Southern California's only Natural Pozzolan for the California Ready Mix Industry.

Chemical Analysis	Historical Range %	ASTM C 618 Limits
SiO ₂	66.97 – 69.13	
Al ₂ O ₃	14.42 – 15.93	
Fe ₂ O ₃	4.09 – 4.68	
• Sum SiO ₂ + AlO ₃ + Fe ₂ O ₃	86.05 – 88.28	70 min.
CaO	2.73 – 3.38	
MgO	0.67 – 1.12	
Na ₂ O	2.90 – 3.50	
K ₂ O	2.63 – 2.86	
SO ₃	0.10 – 0.35	4.0 max
Moisture Content	0.10 – 0.80	3.0 max
Loss on ignition	0.80 – 2.30	10.0 max
Total Alkalis as (Na ₂ O) Equivalent, %	4.69 – 5.60	5.0 max or
Available Alkalis, %	0.25 – 0.35	1.5 max

Physical Analysis	Typical Results %	ASTM C 618
Amount retained on No. 325 sieve, %	16 - 29	34.0 max
Strength activity, % of control		
• Portland cement @ 7 days	75 - 83	75.0 min or
• Portland cement @ 28 days	75 - 80	75.0 min
Waiver requirement, % of control	104 - 108	115.0 max
Autoclave expansion, %	0.03 – 0.05	0.8 max
Density uniformity, % from average	0.10	5.0 max

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Product Description

- Product meets and complies to ASTM C618
- Product meets and complies to AASHTO M 295
- Available for pneumatic truck loading
- Tested Daily for Fineness (not % moisture or LOI)
- Tested Monthly by a CCRL certified laboratory

Availability: 3M Industrial Mineral Products Division
18750 Minnesota Road
Corona, California 951-737-3441, Fax 951-735-9146

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