

3M™ Industrial Grade Nepheline Syenite 700 Dry

3M Industrial Grade Nepheline Syenite 700 Dry is a naturally occurring nepheline syenite mineral that has been processed to approximately 700 microns and finer.

1. Typical mineralogy

Igneous intrusive (plutonic) rock primarily consisting of potassium feldspar and plagioclase feldspar, and secondarily containing nepheline, pyroxene, biotite, amphibole, magnetite, ilmenite, sodalite, analcime, and natrolite.

2. Typical* chemical analysis reported as % oxide (X-Ray Fluorescence)

Silicon Dioxide (SiO ₂)	60.7
Aluminum Oxide (Al ₂ O ₃)	17.7
Potassium Oxide (K ₂ O)	7.0
Sodium Oxide (Na ₂ O)	6.1
Iron Oxide (Fe ₂ O ₃)	3.3
Calcium Oxide (CaO)	1.7
Titanium Dioxide (TiO ₂)	1.0
Magnesium Oxide (MgO)	0.9

3. Typical* size analysis (Microtrac S3500 Laser Diffraction)

D ₉₅ (μm)	580
D ₅₀ (μm)	220
D ₁₀ (μm)	33

*Typical analysis is based on average measured values. This Product is a naturally occurring mineral that is processed; the moisture level, chemical composition and size will vary. Moisture level, chemical composition and size are not specified or warranted in any way.

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