



Aggregate Qualification Summary - AASHTO Specifications (AASHTO M 80)

██████████ No. 67


Project No. CT17265.000-400

Report Date: January 11, 2023

Sieve Analysis (AASHTO T 27 & T 11)		
Sieve Size	Passing (%)	Specification (%)
1-1/2 inch (37.5 mm)	100	-
1 inch (25 mm)	100	100
3/4 inch (19 mm)	92	90-100
1/2 inch (12.5 mm)	46	-
3/8 inch (9.5 mm)	26	20-55
No. 4 (4.75 mm)	7	0-10
No. 8 (2.36 mm)	4	0-5
No. 200 (75 µm)	0.7	1.0 Max

Test	Results	Specification
Specific Gravity (AASHTO T 85)	2.77	-
Absorption (AASHTO T 85)	0.6%	-
Clay Lumps and Friable Particles (AASHTO T 112)	0% Weighted Particles	2.0% Max
Lightweight Particles, 2.0 sp.g. (AASHTO T 113)	< 0.01%	0.5% Max
Lightweight Particles, 2.4 sp.g. (AASHTO T 113)	< 0.01%	3.0% Max
Sodium Sulfate Soundness (AASHTO T 104)	1% Weighted Loss	12% Max
Magnesium Sulfate Soundness (AASHTO T 104)	2% Weighted Loss	18% Max
Rodded Unit	Unit Weight	100 pcf
Weight & Voids (AASHTO T 19)	Percent Voids	42%
	Tons per cubic yard	1.35 tons/cu. yd.
Loose Unit	Unit Weight	89 pcf
Weight & Voids (AASHTO T 19)	Percent Voids	48%
	Tons per cubic yard	1.2 tons/cu. yd.
Los Angeles Abrasion (AASHTO T 96)	31%	50% Max
Percentage of Fractured Particles (ASTM D 5821)	100%	-
Total Evaporable Moisture Content (AASHTO T 255)	0.9%	-
Micro-Deval (AASHTO T 327)	13.1%	-
Scratch Hardness (CRD 130-01)	0.0%	-
Weighted Average Flat Particles	0.2%	-
Weighted Average Elongated Particles	0.0%	-
Total Weighted Average Flat and/or Elongated Particles	0.2%	5% max AREMA

Potential Alkali Reactivity (AASHTO T 303)			
Days in Soak	Average Expansion (%)	Classification	Potential for Deleterious ASR
14-Days	0.06	Innocuous	Low Potential


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