



01/04/2023

To Whom it may concern:

This material is currently produced at our Ortona Sand Company (FDOT mine #05-045) and certified utilizing the "QC Certification System" as outlined in chapter 14 of the Aggregate Rule (14-103 F.A.C.). This material meets all current requirements of section 902 (Fine Aggregate 902-1 through 902-2.2) of the F.D.O.T Standard Specification for Road and Bridge Construction. Each load is certified by an individual ticket.

1001-FDOT Concrete Silica Sand Code F01

Procedure	Sieve/Test	Average	Unit	FDOT Concrete Silica Sand Code F01
	#4 (4.75mm)	100.0	%	95-100
	#8 (2.36mm)	99.9	%	85-100
	#16 (1.18mm)	95.0	%	65-97
	#30 (.6mm)	49.2	%	25-70
	#50 (.3mm)	13.0	%	5-35
	#100 (.15mm)	0.9	%	0-7
	#200 (75µm)	0.0	%	
ASTM C-136	FM	2.42		2.20-2.60
ASTM C-128	SPGR Fine (Dry, Gsb)	2.634		
ASTM C-128	SPGR Fine (SSD)	2.638		
ASTM C-128	SPGR Fine (Apparent, Gsa)	2.644		

Sincerely,

Mario Cardenas

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Name/Title Mario Cardenas / Quality Control Manager