



PRODUCT DESCRIPTION		PAGE:	PAGE 6 OF 25	
NUMBER:	CMQAQC05	ISSUE NO:	5	
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AFS 45 FOUNDRY SAND

GRADING LIMITS

OTHER

AFS No. 40 - 50

TYPICAL DATA:

TYPICAL GRADING ANALYSIS

(U.S.) Mesh	APERTURE IN MICRONS (µm)	% RETAINED
(4)	4750	
(5)	4000	
(6)	3350	
(7)	2800	
(8)	2300	
(10)	2000	
(12)	1700	
(14)	1400	
(16)	1180	
(18)	1000	
(20)	850	
(25)	710	0,2
(30)	600	-
(35)	500	6,7
(40)	425	-
(45)	355	34,3
(50)	300	-
(60)	250	37,7
(70)	212	10,2
(80)	180	-
(100)	150	8,7
(120)	125	-
(140)	106	2,0
(200)	75	0,2
(-200)	-75	0

TYPICAL CHEMICAL ANALYSIS

	%
SiO ₂	99,74
Al ₂ O ₃	0,09
Fe ₂ O ₃	0,018
TiO ₂	0,032
ZrO ₂	0,005
CaO	0,003
MgO	Traces
L.O.I	0,110

OTHER TYPICAL DATA:

Loose bulk density - 1532kg/m³
Effective Size - 0.32 mm
Coefficient of Uniformity - 1.77
A.F.S. Number - 43,1
Uniformity of Grain size - 91,1
Total fines - 0,2

REMARKS: