



REVERSE MANUFACTURING INC.

Technical Specifications

Silica Fume RMI Test Laboratories

TEST Report No. 552AE/4 Dated 2015-01-16

Certification According to ASTM C 1240

Sampling: 2015-01-07 by TUV REM MARKER with sampling protocol 402/Silica Fume

Managing Expert: Eric Steiner

Chemical Requirements according to ASTM C 1240

Mixture	Test Results	Requirements according to EN 13263-1	Requirements met
		By mass - %	
Silicon dioxide (SiO ₂)	93.8	≥ 85 Class 1	yes
Free Silicon (Si) ^{II}	0.34	≤ 0.4	yes
Free calcium oxide (CaO)	< 0.05	≤ 1.0	yes
Sulfate content (SO ₃)	0.41	≤ 2.0	yes
Chloride content (CL)	0.12	≤ 0.3	yes
Loss on ignition (1000°C)	2.63	≤ 4.0	yes
Sodium oxide (Na ₂ O)	0.54	-	
Potassic oxide (K ₂ O)	1.35	-	
Na ₂ O - equivalent	1.43	-	
Moisture	0.51	-	

RMI Specification of product # A200 (Silica Fume 93%)

SiO₂ - 90,0 % min.

LOI - 3,0 % max (average of 1,9-2,6 %).

Moisture - 0,6 % max (average of 0,2-0,4 %).

Bulk density - 500-700 kg/m³ (as per requirement).

Surface area - 15 m²/gr min (average of 20-25 m²/gr).

Supply ability 25,000/annum

