

REFERENCE MATERIAL IR 2701

Continuous casting powder

LABORATORY MEANS – Mass content in %

Element	SiO ₂	Ca total	Al ₂ O ₃	MgO	Na	K	F	C total
M_M	32.7	22.90	6.10	2.19	9.42	0.159	7.58	3.37
s_M	1.21	0.44	0.23	0.15	0.44	0.011	0.24	0.12

Element	Fe	P	Mn	TiO ₂	Cr	CO ₂	C free	S	H ₂ O at 600 °C	H ₂ O at 950 °C
M_M	0.145	0.014	0.005	0.048	0.004	5.59	1.78	0.055	2.01	2.08

Additional information (in %):

Loss On Ignition (LOI): 10.4

M_M : Mean of the intralaboratory means

s_M : Standard deviation of the intralaboratory means

The laboratory mean values have been examined statistically to eliminate outlying values.

Values given *in italic* are for information only.

The material is available in the form of a powder passing a nominal 100µm aperture, supplied in bottle containing 100g

This Reference Material was prepared by:

ARCELORMITTAL MAIZIERES RESEARCH SA

Certificate revised August 2016 (previous issue July 2011)

ArcelorMittal Maizières Research SA (formerly "IRSID")
Voie Romaine, BP 30320, F-57283 Maizières-lès-Metz Cedex

✉ E-mail: reference.materials@arcelormittal.com

Website: referencematerials.arcelormittal.com