

REFERENCE MATERIAL IR 1649

Unalloyed steel

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	Cr	Mo	Ni	As	Cu	Sn
M_M	0.384	0.250	0.930	0.045	0.321	0.043	0.226	0.037	0.418	0.028
s_M	0.011	0.011	0.022	0.003	0.011	0.006	0.009	0.004	0.016	0.002

Element	S	Al
M_M	0.047	0.004

Additional information (in %):

Co : 0.023

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 44mm dia. x 30mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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