

REFERENCE MATERIAL IR 1750

Low alloy steel

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	S	Cr	Mo	Ni
M_M	0.359	0.246	1.801	0.0128	0.075	0.227	0.0433	0.187
s_M	0.005	0.010	0.028	0.0021	0.005	0.012	0.0028	0.006

Element	Al	As	Cu	N	Sb	Sn	V
M_M	0.0175	0.0188	0,320	0,0107	0,0031	0,0137	0,114
s_M	0.0027	0.0023	0,006	0,0005	0,0003	0,0012	0,004

<i>Element</i>	<i>B</i>	<i>Ti</i>	<i>Ca</i>	<i>Te</i>	<i>W</i>	<i>Bi</i>	<i>Se</i>	<i>Zn</i>	<i>Zr</i>
M_M	<i>0.0002</i>	<i>0.0016</i>	<i>0.0002</i>	<i>0.006</i>	<i>0.004</i>	<i>0.00002</i>	<i>0.0002</i>	<i>0.0012</i>	<i>0.0002</i>

Additional information (in µg/g):

Mg < 2 - Co : 120 - Nb < 10 - Pb < 10 - Cd < 5 - Ce < 5 - Ta < 10 - O (massive) : 11

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 38mm dia. x 25mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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