

REFERENCE MATERIAL IR 1746

Low alloy steel

SOLD OUT

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	S	Cr	Mo	Ni
M_M	0.236	0.221	0.838	0.0147	0.0280	0.533	0.174	0.607
s_M	0.004	0.010	0.014	0.0013	0.0018	0.017	0.007	0.012

Element	Al	Co	Cu	N	Sn	Ti	Ca	Te
M_M	0.0185	0.0167	0.234	0.0096	0.0195	0.0016	0.0021	0.0041
s_M	0.0020	0.0015	0.005	0.0006	0.0014	0.0004	0.0004	0.0006

<i>Element</i>	<i>As</i>	<i>B</i>	<i>Nb</i>	<i>Pb</i>	<i>V</i>	<i>Sb</i>
M_M	<i>0.0274</i>	<i>0.0004</i>	<i>0.0003</i>	<i>0.0022</i>	<i>0.0017</i>	<i>0.0034</i>

Additional information (in %):

Bi < 0.0001 - Zr ≤ 0.001 - Zn ≤ 0.001

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 50mm dia. x 30mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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