

REFERENCE MATERIAL IR 1667

Unalloyed steel

SOLD OUT

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	S	Cr	Ni	Al	As
M_M	0.679	0.240	0.668	0.0136	0.0018	0.235	0.0189	0.0217	0.0017
s_M	0.005	0.006	0.009	0.0012	0.0004	0.008	0.0009	0.0015	0.0004

Element	Co	Cu	N	Sn	Ti	V	Ca	Sb
M_M	0.0031	0.0115	0.0048	0.0008	0.0014	0.0012	0.0019	0.00020
s_M	0.0002	0.0008	0.0004	0.0001	0.0001	0.0002	0.0003	0.00002

<i>Element</i>	<i>Mo</i>	<i>B</i>	<i>Nb</i>
M_M	<i>0.0014</i>	<i>0.0002</i>	<i>0.0002</i>

Additional information (in $\mu\text{g/g}$):

Mg: 1 - Pb < 2 - Te << 1 - W < 10 - Zn: 3 - Zr ≤ 2 - O (massive): 8

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 37mm dia. x 25mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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