

REFERENCE MATERIAL IR 1670

Unalloyed steel

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	S	Cr	Mo	Ni
M_M	0.0011	0.0046	0.3981	0.0128	0.0075	0.0174	0.0009	0.0142
s_M	0.0002	0.0012	0.0037	0.0013	0.0005	0.0008	0.0002	0.0009

Element	Al	As	B	Co	Cu	N	Sn	Ti
M_M	0.0479	0.0018	0,0007	0,0018	0,0134	0,0016	0,0017	0,0078
s_M	0.0027	0.0002	0,0002	0,0002	0,0003	0,0002	0,0002	0,0004

Element	Nb	V	Ca
M_M	<i>0.0003</i>	<i>0.0005</i>	<i>0.0002</i>

Additional information (in %):

Zn : 0.0005 - Zr < 0.0001 - Sb : 0.0003 - Pb : 0.0001

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 40mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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