

REFERENCE MATERIAL IR 1654

Unalloyed steel

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	Cr	Ni	Cu	Sn
M_M	0.270	0.354	0.979	0.036	0.328	0.241	0.441	0.030
s_M	0.009	0.018	0.034	0.003	0.016	0.011	0.024	0.002

<i>Element</i>	<i>S</i>	<i>Mo</i>	<i>As</i>
M_M	<i>0.047</i>	<i>0.043</i>	<i>0.04</i>

Additional information (in %):

Al: 0.005 – Co: 0.028 – Pb: 0.009

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 42mm dia. x 30mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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