

REFERENCE MATERIAL IR 1642

Unalloyed steel

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	Ni	Cu
M_M	0.418	0.388	0.929	0.031	0.068	0.097
s_M	0.008	0.013	0.015	0.002	0.005	0.003

Element	S	Cr	Mo	Al	As	V
M_M	<i>0.031</i>	<i>0.035</i>	<i>0.009</i>	<i>0.02</i>	<i>0.042</i>	<i>0.002</i>

Additional information (in %):

Co : 0.012 – Sn : 0.017 – Ti ≤ 0.002

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 45mm dia. x 30mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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