

REFERENCE MATERIAL IR 1657

Unalloyed steel

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	Ni	As
M_M	0.445	0.274	0.724	0.028	0.048	0.052
s_M	0.017	0.013	0.017	0.002	0.006	0.005

Element	S	Cr	Al	V
M_M	<i>0.013</i>	<i>0.022</i>	<i>0.004</i>	<i>0.001</i>

Additional information (in %):

Co : 0.018 - Cu : 0.027 - Mo $\leq$ 0.005 - Sn $\leq$ 0.003 - Ti $\leq$ 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 42mm dia. x 30mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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