

REFERENCE MATERIAL IR 1661

Unalloyed steel

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	V	Nb
M_M	0.086	0.406	1.476	0.018	0.060	0.036
s_M	0.006	0.016	0.036	0.002	0.005	0.003

<i>Element</i>	<i>S</i>	<i>Cr</i>	<i>Ni</i>	<i>Al tot</i>
M_M	<i>0.006</i>	<i>0.021</i>	<i>0.029</i>	<i>0.028</i>

Additional information (in %):

Al soluble: 0.025 – Al insoluble: 0.0013 – As: 0.003 – Sn: 0.0085 – Sb: 0.0005 – Mo: 0.006 – Cu: 0.013

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 40 x 42mm sides x 30mm bloc

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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