



Test certificate

Special wire products (p) Ltd.,
235, Sidco Industrial Estate,
Ambattur, Chennai-600098

Product : STAR
AWS/IS Classification : E 7018
Specification : AWS A 5.1 : 2004 / ASME SECII.C SFA 5.1 : 2010
Batch No : 1957
Size : 4.00 X 450mm

Test certificate no : 472
Email : sales@specialwires.in
Web site : www.specialwire.in
MFD : 06-02-2023

The material conforms to the requirements of the latest edition and addenda of ASME SEC II .C SFA 5.1: 2010,E 7018.

CHEMICAL COMPOSITIONS

CHEMICAL COMPOSITIONS	C%	Mn%	Si%	S%	P%
SPECIFICATIONS	0.10% MAX	1.60%MAX	0.75%MAX	0.03%MAX	0.03%MAX
ACTUAL	0.06	1.37	0.63	0.024	0.026
RESULT	OK	OK	OK	OK	OK

MECHANICAL PROPERTIES

MECHANICAL PROPERTIES	Tensile strength [N/mm ²]	Yield Strength [N/mm ²]	Elongation %	Average impact energy J@-0°C
SPECIFICATIONS	510-650	360 MIN	24 MIN	27 MIN
ACTUAL	573	438	42	54
RESULT	OK	OK	OK	OK



svs
Quality Assurance