

表 1 SJS316 焊丝化学成分

元素	含量 (%)
C	0.020
Si	0.050
Mn	0.030
P	0.005
S	0.002
N	0.010
Cr	16.00~17.00
Mo	2.50~3.50
Fe	余量
Co	0.010
Ni	0.010
Al	0.010
Cu	0.010
Ca	0.005
Mg	0.005
B	0.005
As	0.005
Sb	0.005
Se	0.005
Te	0.005
Bi	0.005
Pb	0.005
Sn	0.005
Zn	0.005
Al <sub>2</sub> O <sub>3</sub>	0.005
SiO <sub>2</sub>	0.005
FeO	0.005
MnO	0.005
P <sub>2</sub> O <sub>5</sub>	0.005
S <sub>2</sub>	0.005
N <sub>2</sub>	0.005
H <sub>2</sub>	0.005
CO	0.005
CO <sub>2</sub>	0.005
NO	0.005
NO <sub>2</sub>	0.005
H <sub>2</sub> O	0.005
HF	0.005
HCl	0.005
HNO <sub>3</sub>	0.005
H <sub>2</sub> SO <sub>4</sub>	0.005
NaOH	0.005
KOH	0.005
NaCl	0.005
KCl	0.005
Na <sub>2</sub> CO <sub>3</sub>	0.005
K <sub>2</sub> CO <sub>3</sub>	0.005
Na <sub>2</sub> SO <sub>4</sub>	0.005
K <sub>2</sub> SO <sub>4</sub>	0.005
NaNO <sub>3</sub>	0.005
KNO <sub>3</sub>	0.005
Na <sub>2</sub> PO <sub>4</sub>	0.005
K <sub>2</sub> PO <sub>4</sub>	0.005
Na <sub>2</sub> SiO <sub>3</sub>	0.005
K <sub>2</sub> SiO <sub>3</sub>	0.005
Na <sub>2</sub> VO <sub>4</sub>	0.005
K <sub>2</sub> VO <sub>4</sub>	0.005
Na <sub>2</sub> CrO <sub>4</sub>	0.005
K <sub>2</sub> CrO <sub>4</sub>	0.005
Na <sub>2</sub> MoO <sub>4</sub>	0.005
K <sub>2</sub> MoO <sub>4</sub>	0.005
Na <sub>2</sub> CO <sub>3</sub> ·H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·H <sub>2</sub> O	0.005
NaNO <sub>2</sub>	0.005
KNO <sub>2</sub>	0.005
Na <sub>2</sub> PO <sub>3</sub>	0.005
K <sub>2</sub> PO <sub>3</sub>	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub>	0.005
K <sub>2</sub> VO <sub>3</sub>	0.005
Na <sub>2</sub> CrO <sub>3</sub>	0.005
K <sub>2</sub> CrO <sub>3</sub>	0.005
Na <sub>2</sub> MoO <sub>3</sub>	0.005
K <sub>2</sub> MoO <sub>3</sub>	0.005
Na <sub>2</sub> CO <sub>3</sub> ·2H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·2H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·2H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·2H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·2H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·2H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·3H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·3H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·3H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·3H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·2H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·2H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·2H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·2H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·3H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·3H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·2H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·2H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·2H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·2H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·2H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·2H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·4H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·4H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·4H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·4H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·3H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·3H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·3H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·3H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·4H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·4H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·3H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·3H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·3H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·3H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·3H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·3H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·5H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·5H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·5H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·5H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·4H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·4H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·4H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·4H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·5H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·5H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·4H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·4H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·4H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·4H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·4H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·4H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·6H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·6H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·6H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·6H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·5H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·5H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·5H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·5H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·6H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·6H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·5H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·5H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·5H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·5H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·5H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·5H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·7H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·7H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·7H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·7H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·6H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·6H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·6H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·6H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·7H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·7H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·6H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·6H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·6H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·6H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·6H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·6H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·8H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·8H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·8H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·8H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·7H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·7H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·7H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·7H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·8H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·8H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·7H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·7H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·7H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·7H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·7H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·7H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·9H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·9H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·9H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·9H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·8H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·8H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·8H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·8H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·9H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·9H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·8H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·8H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·8H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·8H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·8H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·8H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·10H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·10H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·10H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·10H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·9H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·9H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·9H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·9H <sub>2</sub> O	0.005
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K <sub>2</sub> VO <sub>3</sub> ·9H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·9H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·9H <sub>2</sub> O	0.005
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K <sub>2</sub> MoO <sub>3</sub> ·9H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·11H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·11H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·11H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·11H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·10H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·10H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·10H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·10H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·11H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·11H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·10H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·10H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·10H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·10H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·10H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·10H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·12H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·12H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·12H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·12H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·11H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·11H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·11H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·11H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·12H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·12H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·11H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·11H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·11H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·11H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·11H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·11H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·13H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·13H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·13H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·13H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·12H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·12H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·12H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·12H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·13H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·13H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·12H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·12H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·12H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·12H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·12H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·12H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·14H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·14H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·14H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·14H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·13H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·13H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·13H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·13H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·14H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·14H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·13H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·13H <sub>2</sub> O	0.005
Na <sub>2</sub> CrO <sub>3</sub> ·13H <sub>2</sub> O	0.005
K <sub>2</sub> CrO <sub>3</sub> ·13H <sub>2</sub> O	0.005
Na <sub>2</sub> MoO <sub>3</sub> ·13H <sub>2</sub> O	0.005
K <sub>2</sub> MoO <sub>3</sub> ·13H <sub>2</sub> O	0.005
Na <sub>2</sub> CO <sub>3</sub> ·15H <sub>2</sub> O	0.005
K <sub>2</sub> CO <sub>3</sub> ·15H <sub>2</sub> O	0.005
Na <sub>2</sub> SO <sub>4</sub> ·15H <sub>2</sub> O	0.005
K <sub>2</sub> SO <sub>4</sub> ·15H <sub>2</sub> O	0.005
NaNO <sub>3</sub> ·14H <sub>2</sub> O	0.005
KNO <sub>3</sub> ·14H <sub>2</sub> O	0.005
Na <sub>2</sub> PO <sub>4</sub> ·14H <sub>2</sub> O	0.005
K <sub>2</sub> PO <sub>4</sub> ·14H <sub>2</sub> O	0.005
Na <sub>2</sub> SiO <sub>3</sub> ·15H <sub>2</sub> O	0.005
K <sub>2</sub> SiO <sub>3</sub> ·15H <sub>2</sub> O	0.005
Na <sub>2</sub> VO <sub>3</sub> ·14H <sub>2</sub> O	0.005
K <sub>2</sub> VO <sub>3</sub> ·14H <sub>2</sub> O	0.005
Na <sub>2</sub>	