

Description: Test Coupon
Part No.: UF
Job #: 3405-14-098

1020

Element		Result %	Min %	Max %
C	=	0.21	0.18	0.23
Mn	=	0.55	0.30	0.60
P	=	0.008	0.000	0.030
S	=	0.026	0.000	0.050
Si	=	0.07	0.00	NS
Cr	=	0.02	0.00	NS
Ni	=	0.03	0.00	NS
Mo	=	0.01	0.00	NS
Cu	=	0.05	0.00	NS
Fe	=	Balance	Balance	Balance

TEST METHOD: ASTM E415

Tensile Testing

Test Method	ASTM A370
Orientation	Longitudinal

Specimen	Ultimate Tensile Strength (ksi)	0.2% Offset Yield Strength (ksi)	Elongation in 2" (%)
	Min	Min	Min
Requirements	N/S	N/S	N/S
1	61.0	39.3	41

Description: Test Coupon
Part No.: MF
Job #: 3405-14-098

1018

Element		Result %	Min %	Max %
C	=	0.19	0.15	0.20
Mn	=	0.70	0.60	0.90
P	=	0.010	0.000	0.030
S	=	0.021	0.000	0.050
Si	=	0.10	0.00	NS
Cr	=	0.04	0.00	NS
Ni	=	0.03	0.00	NS
Mo	=	0.01	0.00	NS
Cu	=	0.02	0.00	NS
Fe	=	Balance	Balance	Balance

TEST METHOD: ASTM E415

Tensile Testing

Test Method	ASTM A370
Orientation	Longitudinal

Specimen	Ultimate Tensile Strength (ksi)	0.2% Offset Yield Strength (ksi)	Elongation in 2" (%)
	Min	Min	Min
Requirements	N/S	N/S	N/S
1	64.0	42.1	43

