RED FORCE™ S6

TOP FEATURES

- Good performances in terms of feedability and weldability
- Stable arc and low spatter level
- High productivity

TYPICAL APPLICATIONS

- General Construction
- Infrastructures

CLASSIFICATION

AWS A5.18	ER70S-6
EN ISO 14341-A	G 42 3 M21 3Si1
	G 38 2 C1 3Si1

APPROVALS

TÜV, DB, CE

SHIELDING GASES (ACC. EN ISO 14175)

M21	Mixed gas Ar+ 15-25% CO_2
C1	Active gas 100% CO_2

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

C	Mn	Si
0.08	1.50	0.85

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -30°C
Typical values	M21	AW	440	540	30	60

AW = As welded

AVAILABLE SIZES AND PACKAGING INFORMATION

Wire diameter (mm)	Packaging	Weight (kg)	Item number
0.6	SPOOL (S100)	1.0	C4420*
	SPOOL (S200)	5.0	C4424*, R06P005R6E31
0.8	SPOOL (S100)	1.0	C4421*
	SPOOL (S200)	5.0	C4425*, R08P005R6E31
	SPOOL (BS300)	15.0	R08V015P6E30*, R08V015P6E31
	SPOOL (S300)	15.0	RF5608015S6*
	DRUM	250.0	R08D250B6S31
0.9	SPOOL (S100)	1.0	C4422*
	SPOOL (S200)	5.0	C4426*
	SPOOL (S300)	15.0	C4403*, RF5609015S6*
1.0	SPOOL (S200)	5.0	R10P005R6E31
	SPOOL (BS300)	15.0	R10V015P6E30*, R10V015P6E31
	SPOOL (S300)	15.0	RF5610015S6*
	DRUM	250.0	R10D250B6S31
1.1	SPOOL (S300)	15.0	RF5611015S6*
1.2	SPOOL (BS300)	15.0	R12V015P6E30*, R12V015P6E31
	SPOOL (S300)	15.0	RF5612015S6*
	DRUM	250.0	R12D250B6S31

* = Not available in Europe