

EM13K

Conformance

AWS EM13K

Typical Application

- Using with sintered flux SJ101
- Applied both for high-speed welding steel plate of tensile strength 420MPa and filling welding.

Mechanical Properties

Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%)	Impact Energy (J)	Impact Temperature (°C)
490~670	≥390	≥18	≥27	-20

Chemical Composition %

C	Mn	Si	S	P	Ni	Cr	Cu
0.089	0.98	0.67	0.023	0.032	0.034	0.015	0.110

Reference

Flux	SJ101			
Diameter(mm)	2.5	3.2	4.0	5.0