Innershield® NR®-207

TOP FEATURES

- Vertical down hot, fill and cap passes on standard cross-country pipelines and arctic grade pipe.
- Recommended for API grades X42 up to undermatching X70.
- High deposition rates.

TYPICAL APPLICATIONS

- Standard cross-country pipelines
- Arctic grade pipe up to undermatched X70

CLASSIFICATION

AWS A5.29 E71T8-K6-H16

CURRENT TYPE

DC-

WELDING POSITIONS

All positions

APPROVALS

BV	DNV	TÜV
+	+	+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si	P	S	Al	Ni
0.07	0.9	0.2	0.005	0.003	1.0	0.8

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -29°C
Required: AWS A5.29		min. 400	480-620	20	27
Typical values	AW		535	25	110

* AW = As welded

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.7	COIL	6.4	ED016312

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:

Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.