

# Premierweld™ IN70

AWS EA2



## KEY FEATURES

- A low carbon, medium manganese, low silicon, 1/2% Molybdenum wire.
- A standard choice for pipe fabrication and other limited pass applications
- Capable of producing weld deposits with impact value exceeding 27 J at -40 ° C when used with Lincolnweld 998N flux

## DIAMETERS / PACKAGING

| Dia, mm | Coil, kg | Drum, kg | Product no |
|---------|----------|----------|------------|
| 3.2     | 30       |          | ICS70320   |
| 4.0     | 30       |          | ICS70400   |
| 4.0     |          | 250      | ICS70402   |
| 3.2     |          | 650      | ICS70326   |
| 4.0     |          | 650      | ICS70406   |

## CONFORMANCES

AWS A5.23/A5.23M: 2010

## RECOMMENDED FLUXES

Lincolnweld 998N, 995N, P223

## WIRE COMPOSITION <sup>(1)</sup> – As required per AWS A5.23/A5.23M: 2010

|                  | % C       | % Mn        | % Si | % S   | % P   | %Mo         | % Cu |
|------------------|-----------|-------------|------|-------|-------|-------------|------|
| Premierweld IN70 | 0.05-0.17 | 0.95 – 1.35 | 0.20 | 0.025 | 0.025 | 0.45 – 0.65 | 0.35 |

(1) Single values are maximums.

## 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.

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