

INOSEAL PRIME 308L



IDENTIFICATION

INOSEAL PRIME 308L / AWS: E308L-16

KEY FEATURES

- Efficient Cold Striking and Restriking
- Butter Smooth Welding Performance
- Minimal Spatter and Smoke
- Strong Arc Force with Low Heat Input
- Self-Peeling Slag
- Versatile All-Position Capability
- Designed for ease of use, welder friendly

DESCRIPTION

INOSEAL PRIME 308L is a low-carbon rutile-coated austenitic stainless-steel electrode, optimized for welding low-carbon 18/8 type austenitic stainless steel. It offers superior performance with a strong arc force, low heat input, minimal spatter, and self-releasing slag. Designed for exceptional ease of use, it enhances welding comfort and control, delivering smooth, X-ray quality welds.

WELD METAL ANALYSIS (RANGE) %

| C | Mn | Si | Cr | Ni | Cu | Mo | S | P |
|----------|-----------|-------------|---------|-------|----------|----------|----------|----------|
| 0.04 max | 0.5 - 2.5 | 0.35 - 0.90 | 18 - 21 | 09-11 | 0.75 max | 0.75 max | 0.03 max | 0.04 max |

MECHANICAL PROPERTIES (RANGE)

| CONDITION | TS(MPa) | EL (%) (L=4D) |
|-----------|---------|------------------|
| As Welded | 520 min | 35 - 45 |

WELDING POSITION



PACKING PARAMETERS:

Available in Standard carton packing of 10 kg box containing 10 cartons of 1 kg each and 12 kg box containing 12 cartons of 1 kg each.

REDRYING: 250-350°C / 1 hrs.

