

STRONG 70S-B2L

CLASSIFICATION: AWS SFA 5.28 ER 70S-B2L

Copper Coated Solid Wire For MIG & TIG Welding



CHARACTERISTICS

STRONG 70S-B2L is a low carbon high strength - low alloy steel wire with very low impurities suitable for welding of 1.25Cr - 0.5Mo steels that require a lower as-welded hardness. It provides smooth & stable arc for spatter free welding under optimum conditions.

APPLICATIONS

STRONG 70S-B2L is a low carbon variant of STRONG 80S-B2 suitable for welding of structural steels of matching composition in Automobile, Power plants, Refineries, Petrochemicals, Fertilizer plants, etc. where PWHT may not be recommended.

TYPICAL WIRE CHEMISTRY (%)

| C | Mn | Si | P | S | Cu | Ni | Cr | Mo |
|-------------|---------------|---------------|--------------|--------------|-------------|-------------|---------------|---------------|
| 0.05 MAX | 0.40- 0.70 | 0.40- 0.70 | 0.025 MAX | 0.025 MAX | 0.35 MAX | 0.20 MAX | 1.20- 1.50 | 0.40- 0.60 |

ALL WELD MECHANICAL PROPERTIES

| Required as per AWS 5.28 | Y.S. | U.T.S. | ELONGATION |
|-----------------------------|------|--------|------------|
| | MPa | MPa | % |
| | ≥470 | ≥550 | ≥18 |
| Typical | 450 | 530 | 20 |

PACKAGING SPECIFICATIONS - MIG

DIA SIZE 0.80MM / 1.00MM / 1.20MM / 1.60MM / 2.00MM

SPOOL WEIGHT 1KGS / 5KGS / 12.5KGS / 15KGS / 17.5KGS

DRUM WEIGHT 100KGS / 150KGS / 250KGS / 300KGS / 350KGS

PACKAGING SPECIFICATIONS - TIG

DIA SIZE 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM

WEIGHT 5KGS / 20KGS