

Quality Certification

| | | | | | |
|----------------|---------------|----------------|-----------------|---------------------|---------------|
| Customer: | WELDSOLUTIONS | Certificado # | 6120525MX | Product: | ER70S6045X15 |
| Quantity: | 10,320.00 Kgs | Specification: | ASME/A WS A5.18 | Date of Production: | 10-JUNIO-2025 |
| Heat:6120525MX | | | | | |

Typical Chemical Composition (%)

| | | | C | Mn | Si | P | S | Cu | Ni | Cr | Mo | V |
|--------|-----------|--------------|-----------|-----------|-----------|------------|-----------|----------|----------|----------|----------|----------|
| SIZE | LOTE # | Unite weight | 0.15-0.06 | 1.85-1.40 | 1.15-0.80 | 0.025 Max. | 0.035 Max | 0.50 Max | 0.15 Max | 0.15 Max | 0.15 Max | 0.03 Max |
| 0.045" | 6120525MX | 15 Kgs | 0.07 | 1.51 | 0.87 | 0.013 | 0.011 | 0.16 | 0.03 | 0.03 | 0.013 | 0.01 |

Test of Mechanical Property

Impact Test

| SIZE | Unite weight | Yield Strength (MPa) | Tensile Strength (MPa) | Elongation (%) | Temperature (°C) | Impact value (j) |
|--------|--------------|----------------------|------------------------|----------------|------------------|------------------|
| | Standard | 400 min | 490 min | 22 min | -30 | 27 min |
| 0.045" | 15 Kgs | 427 | 545 | 27 | -30 | 93 92 99 (95) |

AWS A5.18

WeldSolutions 

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