



SPS Coil Processing Houston  
 8500 Clinton Drive  
 Port of Houston Gate 1 Road  
 Houston, TX 77029

# METALLURGICAL TEST REPORT

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 DATE 06/22/2023  
 TIME 09:33:18

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17238  
 Longview Warehouse  
 4750 West Marshall Ave  
 Longview TX 75604-4817

| Order         | Material No. | Description                  | Quantity | Weight | Customer Part | Customer PO | Ship Date  |
|---------------|--------------|------------------------------|----------|--------|---------------|-------------|------------|
| 40404015-0040 | 70860240     | 1/4 60 X 240 A36 STP MIL PLT | 6        | 6,126  |               |             | 06/21/2023 |

### Chemical Analysis

| Heat No. 057425 |           | Vendor AM/NS CALVERT |         |         |        |          |            |        |        | Mill AM/NS CALVERT |          |          |           | Produced from Coil |        |
|-----------------|-----------|----------------------|---------|---------|--------|----------|------------|--------|--------|--------------------|----------|----------|-----------|--------------------|--------|
| Carbon          | Manganese | Phosphorus           | Sulphur | Silicon | Nickel | Chromium | Molybdenum | Boron  | Copper | Aluminum           | Titanium | Vanadium | Columbium | Nitrogen           | Tin    |
| 0.1970          | 0.8700    | 0.0150               | 0.0040  | 0.0300  | 0.0070 | 0.0200   | 0.0000     | 0.0003 | 0.0250 | 0.0430             | 0.0020   | 0.0030   | 0.0020    | 0.0047             | 0.0000 |

### Mechanical / Physical Properties

Mill Coil No. 1197043340

| Tensile (PSI) | Yield (PSI) | % Elong (2 in) | Rckwl | Grain | Charpy | Charpy Dr | Charpy Sz | Temperature | Olsen |
|---------------|-------------|----------------|-------|-------|--------|-----------|-----------|-------------|-------|
| 70000.000     | 48000.000   | 37.00          |       |       | 0      | NA        |           |             |       |
| 67000.000     | 45000.000   | 32.00          |       |       | 0      | NA        |           |             |       |
| 64900.000     | 43300.000   | 34.50          |       |       | 0      | NA        |           |             |       |
| 67200.000     | 44700.000   | 34.00          |       |       | 0      | NA        |           |             |       |

Batch 1001347350 6 EA 6,126 LB

Batch 1001347355 5 EA 5,105 LB

THE CHEMICAL, PHYSICAL, OR MECHANICAL TESTS REPORTED ABOVE ACCURATELY REFLECT INFORMATION AS CONTAINED IN THE RECORDS OF THE CORPORATION.

The material is in compliance with EN 10204 Section 4.1 Inspection Certificate Type 3.1

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