

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

| ITEM CLASSIFICATION | |
|---|---------------|
| ALLOY | SPECIFICATION |
| 13-8Mo | AWS A5.9 |
| APPLICATIONS | |
| Used on Aerospace components, landing gear, nuclear reactor components, petrochemical industry, injection molding equipment, etc. | |

| TYPICAL CHEMICAL COMPOSITION | | | | | | |
|------------------------------|------|-------|------|---------|-----------|------|
| ELEMENT | C | P | Si | Ni | Al | Mn |
| AVERAGE | 0.05 | 0.010 | 0.10 | 7.5-8.5 | 0.90-1.35 | 0.10 |

| ELEMENT | S | Cr | Mo | N | Fe | |
|---------|-------|-------------|---------|------|---------|--|
| AVERAGE | 0.008 | 12.25-13.25 | 2.0-2.5 | 0.01 | Balance | |