



UNITED STATES WELDING CORPORATION

<p align="center">USW ALLOY DESIGNATION AND DESCRIPTION</p>	<p align="center">TURBALOY® 62 HQ-GRADE GTAW SOLID BARE WELDING WIRE NICKEL BASE</p>	<p align="center">ISO 9001 AS 9100</p>	<p align="center">DATA SHEET 5679</p>																														
<p align="center">CROSS-REFERENCE CONFORMANCE SPECIFICATIONS</p>	<table border="0"> <tr> <td>MSRR 9500/206</td> <td>73Ni 15.5Cr 2.2Cb 8.0Fe</td> </tr> <tr> <td>AMS 5679</td> <td>AWS A5.14 E2 NiCrFe-5</td> </tr> <tr> <td>FM 62</td> <td>MIL-R-5031-8A</td> </tr> <tr> <td>UNS N06062</td> <td>MIL-E-21562 Type RN62, EN62</td> </tr> <tr> <td></td> <td>OMAT 3/218</td> </tr> </table>			MSRR 9500/206	73Ni 15.5Cr 2.2Cb 8.0Fe	AMS 5679	AWS A5.14 E2 NiCrFe-5	FM 62	MIL-R-5031-8A	UNS N06062	MIL-E-21562 Type RN62, EN62		OMAT 3/218																				
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<p align="center">METALLURGICAL BACKGROUND INFORMATION</p>	<p>TURBALOY® 62 undergoes a series of proprietary abrading and cleaning processes to remove all surface contaminants. These manufacturing processes ensure a consistent ultra-clean weld wire surface.</p> <p>TURBALOY® 62 is a single phase Ni-Cr-Fe alloy containing Cb to offset hot cracking in thick section joints.</p>																																
<p align="center">MATERIALS TO BE WELDED AND APPLICATIONS</p>	<p>AMS 5540, 5580, 5665. (Alloy IN 600 variants). ASTM B163, 166, 167, 168. ASME SB 516, 517, 564. MIL-N-23229 Turbine engine exhaust components. Use argon gas shielding and ultra clean conditions for welding.</p>																																
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<p align="center">WELD PROPERTIES</p>	<p>Annealed deposit: HB 89 Density: 8.45 gm/cc</p>																																
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<p align="center">PACKAGING</p>	<p>Sealed polyethylene envelopes. (Desiccants optional)</p>																																
<p>DFARS Compliant</p>		<p align="right">www.usweldingcorp.com</p>																															