

At Metals And Welding Specialities, we take pride in supplying high-performance welding consumables engineered for precision and durability. The UTP 6222MO MIG & TIG Welding Wire wire is a premium-grade nickel-based filler metal designed for superior corrosion resistance and mechanical strength in demanding industrial applications. Classified under UNS N06022, this alloy conforms to ASTM Grade ERNiCrMo-10 and meets AWS A5.14 standards for nickel-based welding materials, making it an excellent choice for critical welding operations involving corrosion-resistant and heat-resistant alloys.



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The UTP 6222MO MIG & TIG Welding Wire wire is developed for use in MIG (GMAW) and TIG (GTAW) processes, offering consistent arc stability, minimal spatter, and exceptional weld bead appearance. Its advanced metallurgical formulation, rich in nickel, chromium, and molybdenum, ensures outstanding resistance to oxidizing and reducing environments, as well as to aggressive chemical compounds such as chlorides and sulfides. This makes it ideal for fabrication and repair in industries like chemical processing, petrochemical plants, marine engineering, and pollution control systems, where exposure to harsh corrosive agents is a concern.



UTP 6222MO MIG & TIG Welding Wire, UTP 6222MO MIG & TIG Welding Wire Manufacturers, UTP 6222MO MIG & TIG Welding Wire Suppliers, UTP 6222MO MIG & TIG Welding Wire Stockists, UTP 6222MO MIG & TIG Welding Wire Exporters

Engineered to deliver optimum performance, UTP 6222MO MIG & TIG Welding Wire filler wire provides excellent protection against localized corrosion phenomena, including pitting, crevice corrosion, and stress corrosion cracking. Its superior metallurgical balance guarantees a stable microstructure, even under high thermal stress. The wire also offers excellent weldability on nickel-chromium-molybdenum alloys, super austenitic stainless steels, and high alloyed materials, allowing welders to achieve smooth, defect-free joints with remarkable mechanical integrity.

At Metals And Welding Specialities, we ensure that every batch of UTP 6222MO MIG & TIG Welding Wire undergoes rigorous quality control and testing to meet international standards. Our customers rely on us for consistent quality, reliable supply, and technical expertise that support their welding applications. Whether you are fabricating pressure vessels, heat exchangers, or piping systems, this filler metal delivers the strength and corrosion resistance you need for long-lasting performance in the toughest operating environments.



UTP 6222MO MIG & TIG Welding Wire in India, UTP 6222MO MIG & TIG Welding Wire Manufacturers in India, UTP 6222MO MIG & TIG Welding Wire Suppliers in India, UTP 6222MO MIG & TIG Welding Wire Stockists in India, UTP 6222MO MIG & TIG Welding Wire Exporters in India

The UTP 6222MO MIG & TIG Welding Wire wire stands out as a trusted solution for those requiring a combination of high weld purity, exceptional mechanical strength, and superior corrosion resistance. Designed with precision and backed by industry-leading research, it represents the perfect fusion of metallurgical innovation and practical performance. For demanding projects that require absolute reliability and consistent results, UTP 6222MO MIG & TIG Welding Wire from Metals And Welding Specialities is the ultimate welding companion.

### Specification UTP 6222MO MIG & TIG Welding Wire



<b>Classification</b>	<b>AWS A5.14    EN ISO 18274</b>
<b>Form</b>	MIG spools, TIG cut lengths, Reels and Coils
<b>Type Of Welding</b>	Inert Gas Welding
<b>Standard TIG straight lengths are available</b>	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

## UTP 6222MO MIG & TIG Welding Wire Filler Metal Application & uses

Hardware tools  
Metallurgy  
Machinery  
Construction  
Shipbuilding  
Petroleum  
Chemical plant  
Power sector  
Gas Industry

## Equivalent Grade Of UTP 6222MO Welding Electrodes



Class	UNS	Oxford Alloys	DIN
ERNiCrMo-10	N06022	Oxford Alloy 622	2.4602

## UTP 6222MO MIG & TIG Welding Wire Chemical Composition



Element	C	Si	Cr	Mo	Nb	Fe	Ni
Composition (%)	≤ 0.02	≤ 0.2	22.0	9.0	3.5	< 1.0	Balance

## UTP 6222MO MIG & TIG Welding Wire Parameters



Welding Process	Shielding Gas	Polarity	Wire Diameter (mm)	Current (A)	Voltage (V)
MIG (GMAW)	Argon + 2% CO <sub>2</sub> or Argon + 2% O <sub>2</sub>	DCEP (+)	0.8 – 1.2	80 – 220	18 – 28
TIG (GTAW)	100% Argon	DCEN (-)	1.6 – 3.2 (Rod)	50 – 160	As required by arc length

## People Also Searched

UTP 6222MO welding wire, UTP 6222MO MIG wire, UTP 6222MO TIG filler, ERNiCrMo-10 filler metal, UNS N06022 wire, ASTM ERNiCrMo-10 rod, Hastelloy C22 equivalent, nickel-chromium-molybdenum filler, corrosion-resistant welding wire, alloy 6222MO, AWS A5.14 nickel alloy, MIG welding nickel alloys, TIG welding super alloys, chemical plant welding wire, heat exchanger filler wire, marine alloy welding, pressure vessel filler, UTP welding products, Metals And Welding Specialities filler metals, UNS N06022 MIG wire, UNS N06022 TIG rod, ERNiCrMo-10 TIG wire, ERNiCrMo-10 MIG wire, Hastelloy C22 filler wire, high corrosion resistance welding, nickel alloy weld wire, UTP welding consumables, nickel-based filler metal, ERNiCrMo-10 welding rod, ASTM Grade ERNiCrMo-10 wire, AWS A5.14 ERNiCrMo-10, Alloy 622 filler metal, UTP 6222MO wire specifications, premium nickel filler, TIG filler for chemical processing, MIG filler for marine engineering, super alloy filler metal, corrosion-resistant TIG rod, nickel alloy welding consumables.