

Metals And Welding Specialities is a trusted manufacturer and supplier of premium-quality **Hastelloy G-35 Welding Electrodes**, engineered to provide superior performance in highly corrosive environments. These electrodes are designed with exceptional resistance to strong oxidizing acids such as nitric acid and to chloride-induced corrosion, making them ideal for industries that demand reliability under extreme chemical exposure. The **Hastelloy G-35** alloy composition offers an outstanding balance of nickel, chromium, and molybdenum, providing excellent protection against pitting and crevice corrosion.



Table Of Content

- [What is Hastelloy G-35 Welding Electrodes?](#)
- [Specification of Hastelloy G-35 Welding Electrodes](#)
- [Equivalent Grade Of Hastelloy G-35 Welding Electrodes](#)
- [Chemical Composition of Hastelloy G-35 Welding Electrodes](#)
- [Hastelloy G-35 Welding Electrodes Parameters](#)
- [People Searched for Hastelloy G-35 Welding Electrodes](#)
- [Supply Cities of Hastelloy G-35 Welding Electrodes](#)
- [Export Countries of Hastelloy G-35 Welding Electrodes](#)

The **UNS N06035** grade, corresponding to **ASTM B575 Grade G-35**, stands as a benchmark material in chemical processing and pollution control systems. Metals And Welding Specialities manufactures electrodes that meet and exceed international standards, ensuring consistent mechanical strength, metallurgical stability, and arc performance. Our **Hastelloy G-35 Welding Electrodes** produce smooth, clean weld beads with minimal spatter, excellent slag removal, and superior fusion characteristics. These properties make them suitable for welding base metals of similar composition and for applications requiring high corrosion resistance in mixed acid and oxidizing conditions.



Hastelloy G-35 Welding Electrodes, Hastelloy G-35 Welding Electrodes Manufacturers, Hastelloy G-35 Welding Electrodes Suppliers, Hastelloy G-35 Welding Electrodes Stockists, Hastelloy G-35 Welding Electrodes Exporters

Industries such as fertilizer production, chemical plants, flue gas scrubbers, and waste treatment systems rely on Metals And Welding Specialities' G-35 electrodes for their durability and chemical inertness. The alloy's resistance to phosphoric, nitric, and hydrochloric acids ensures long service life even in aggressive operational environments. With enhanced fabrication properties and consistent deposition rates, these electrodes maintain their integrity in both structural and pressure vessel welding applications.

Our manufacturing process adheres strictly to quality norms, and each batch of **Hastelloy G-35 Welding Electrodes** undergoes rigorous inspection and testing. The electrodes deliver excellent weldability in both flat and vertical positions, ensuring versatility and efficiency for on-site and in-shop fabrication. Their mechanical strength and metallurgical composition provide exceptional protection against intergranular corrosion and thermal degradation.



Hastelloy G-35 Welding Electrodes in India, Hastelloy G-35 Welding Electrodes Manufacturers in India, Hastelloy G-35 Welding Electrodes Suppliers in India, Hastelloy G-35 Welding Electrodes Stockists in India, Hastelloy G-35 Welding Electrodes Exporters in India

Metals And Welding Specialities has built a reputation for supplying materials that exceed expectations in performance and reliability. We combine advanced technology, strict quality control, and decades of metallurgical expertise to produce welding consumables that perform flawlessly in the most demanding conditions. Whether for chemical reactors, heat exchangers, or evaporators, our **Hastelloy G-35 Welding Electrodes** deliver unmatched corrosion resistance, operational stability, and weld quality.

Choose Metals And Welding Specialities for dependable, long-lasting welding solutions that meet the highest industrial standards. Our commitment to excellence ensures that every electrode enhances productivity, reduces downtime, and provides confidence in every weld.

Specification Hastelloy G-35 Welding Electrodes



Classification	AWS A5.11, ENiCrMo-22
Form	Welding Electrode, Welding Rods
Type Of Current	Direct Current Electrode Positive (DCEP)
Diameters	3/32", 1/8", 5/32", 3/16" or 2.5mm, Ø 3.2mm, Ø 4.0mm, Ø 5.0mm
Size	2.0mm ∞ 5.0mm
AC/DC+	50-80, 80-110, 100-135, 140-180
Welding Positions	All positions 5/32" & 3/16" recommended for use in flat & horizontal positions only (F, V, OH, H)

Hastelloy G-35 Welding Electrodes Application & uses

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

Equivalent Grade Of Hastelloy G-35 Welding Electrodes



Class	UNS	Haynes
ENiCrMo-22	W86035	HASTELLOY® G-35®

Hastelloy G-35 Welding Electrodes Chemical Composition



Nickel:	Balance
Chromium:	32.25-34.25
Molybdenum:	7.6-9.0
Iron:	2.0 max.
Cobalt:	1.0 max.
Manganese:	0.5 max.
Silicon:	0.6 max.
Carbon:	0.05 max.
Copper:	0.3 max.
Niobium + Tantalum	0.50 max.
Tungsten:	0.60 max.
Aluminum:	0.40 max.
Titanium:	0.20 max.
Vanadium:	0.20 max.
Phosphorus:	0.03 max.
Sulfur:	0.015 max.
Other:	0.50 max.

People Also Searched

Hastelloy G-35 welding rods, UNS N06035 electrodes, ASTM B575 G-35 filler metal, Hastelloy G35 welding wire, nickel-chromium-molybdenum electrodes, Hastelloy G-35 SMAW electrodes, corrosion-resistant electrodes, Hastelloy G-35 TIG filler, G-35 stick welding electrodes, nickel alloy coated electrodes, Hastelloy G35 supplier, Hastelloy G35 chemical composition, Hastelloy G-35 mechanical properties, G35 welding applications, Hastelloy G-35 wire manufacturer, nickel alloy UNS N06035, Hastelloy G35 weld overlay, G-35 electrodes for nitric acid, Hastelloy G-35 welding consumables, ASTM G35 equivalent, Hastelloy G-35 electrode exporter, nickel alloy electrode supplier India, high corrosion resistance electrodes, Hastelloy G-35 welding rod price, UNS N06035 material, G35 coated electrode specifications, Hastelloy G-35 filler wire, Hastelloy G-35 electrodes stockist, Metals And Welding Specialities Hastelloy G35, G35 SMAW electrode properties, Hastelloy G-35 for chemical industries, nickel alloy G-35 electrodes, Hastelloy G-35 welding performance, G35 electrode hardness, corrosion-resistant nickel electrodes, UNS N06035 welding consumables.