

T CARBIDE 2350

TIG / Oxy-acetylene Welding Rod - Hardfacing Applications

Standards

DIN 8555 G 21-UM-55-CG

Properties and Applications

Flexible rod for hard surfacing by TIG/oxy-gas welding. Consists of a small diameter pure nickel core wire thickly coated tungsten carbides in a Ni-Cr-B-Si matrix. The weld metal is a heterogeneous metal composed of tungsten carbides (W₂C, WC) distributed in a hard and tough matrix. Shows extremely high abrasion resistance. It has got a quiet melting and good wetting. Especially used for hard surfacing of mixers, crushing mills, die blades and heads, sand foundry equipment, drilling tricones.



Typical Applications



Typical Mechanical Values of Weld Metal

Test Condition	Matrix (HRC)	W ₂ C, WC (HV)
As welded	40-45	2350

Application Information

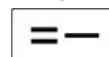
Welding Positions



Welding Parameters & Efficiency

Diameter x Length (mm)
5.00x450

Polarity:



Packaging Information

Product Code	Diameter x Length (mm)	Quantity per Box	Box Gross Weight (kg)	Boxes per Outer Box	Outer Box Gross Weight (kg)	Packaging Type
28130SVKM2	5.00x450	3 kg	2.80	4	11.40	VAC Box

Storage & Re-Drying Information

Shouldn't be exposed to high statical load and impact.
It should be stored in a dry room (relative humidity < 50%, room temperature > 20°C) on wooden pallets.