

Solid Wire For Gas Shielded Arc Welding KJG - 220

Standards:

AWS A5.18
DIN 8559
EN 440

Weld Metal Chemical Analysis (%):

Wire + Shielded Gas	C	Si	Mn	Cu
KJG - 220 + 100 %CO ₂	0.05 - 0.08	0.8 - 1.0	1.45 - 1.6	Max 0.1

Weld Metal Mechanical Properties:

Wire + Shielded Gas	U.T.S. (Mpa)	Y.S. (Mpa)	El %	Charpy Impact ISO – V (J)	
				R.T.	-30°C
KJG - 220 + 100 %CO ₂	520 - 550	415 - 435	24 - 26	65 - 80	45 - 55

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Packing and Diameter:

In layer winding plastic spool or at buyer's option according to below table

Packing	Wire Dia(mm)
Spool (15 Kg)	0.80 - 1.0 - 1.20 - 1.60
Coil/Drum (25 or 350 to 450 Kg)	3.20 - 4.0

Descriptions:

KJG-220 is GMAW copper coated wire emitting homogenous weld bead suitable for welding metallic structures, shipbuilding, tanks and vehicle assembly line with no spatter due to the stable arc.

KJG-220 is approved by GL, BV and DNV classification

institutes. Shield Gas: Ar + 20% Co₂ or 100% Co₂

Welding Current: DCEP

Welding positions: Flat, Horizontal, Filet, Upward, Downward,

Overhead KJG-220 is almost equivalent to the followings:

Lincoln Electric Supra - MIG

ESAB Autrod 12.51
