

GFC 175(SPI)



CLASSIFICATION : AWS/SFA 5.20 : E71T-5 C

CHARACTERISTICS :

: GFC - 175 (Spl) is a Basic Coated Flux Cored Wire with excellent Characteristics and is suitable for steel with a Tensile Strength up to 600 N/mm² Deposited Weld Metal shows superior Crack resistance, excellent impact properties at low temperature of minus 20° to minus 30°C

APPLICATIONS:

Ship building machinery, Structures, Bridge, Construction, Salvage plant facilities, Pipeline, Welding of A516 Gr.70 or equivalent steel etc.

TYPICAL WELD METAL ANALYSIS (%)

C	Mn	Si	S	P
0.04-0.10	0.90-1.50	0.30-0.65	0.030 max	0.030 max

MECHANICAL PROPERTIES OF THE WELD METAL (RANGE)

Ult. Tensile Strength MPa	Yield Stress Mpa	Elongation (%) (L=4D)	Charpy V-notch Impact Value	
			Temp	Joules
510-650	430-550	24-30	- 30°C	50-100

PACKING DATA

SIZE (mm)	WEIGHT (KGS)
1.2	15

