

Trimay® Wear Plate TWP56 Chromium-based Flux Cored Weld Wire & Electrode

Category : Metal , Ferrous Metal , Alloy Steel

Material Notes:

Description: TWP56 is a chromium-based flux cored wire electrode used to protect equipment and parts from moderate wear and impact. TWP56 has wide welding parameters, allowing for easy installation, and its compatible composition allows it to be applied on a wide array of materials. Key Performance Characteristics: Moderate abrasion and impact resistance, Compatible composition, Uniform carbide distribution throughout weld deposit, Ease of use (wide voltage and amperage welding parameters) Applications: TWP56 can be overlain on carbon steel, manganese base materials and mild or alloy steels. The maximum recommended deposit thickness of TWP56 is 2 - 3 layers, or 1/4" (6.35mm). TWP56 is primarily used to cover exposed bolts and seams from installation of T138 wear plate and parts, however, TWP56 wire and electrodes are also welded to parts and equipment which require protection only on one or two concentrated wear areas. Information provided by Trimay®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trimay-Wear-Plate-TWP56-Chromium-based-Flux-Cored-Weld-Wire-Electrode.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	52 - 58	52 - 58	Wire
	57 - 60	57 - 60	Electrodes

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 5.0 %	<= 5.0 %	
Chromium, Cr	<= 27 %	<= 27 %	
Iron, Fe	>= 65 %	>= 65 %	
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Silicon, Si	<= 1.5 %	<= 1.5 %	

Descriptive Properties	Value	Comments
Available Sizes: Electrode	3.25	[mm]
	4	[mm]
	5	[mm]
Available Sizes: Wire	1.1	[mm], cored wire
	1.6	[mm], cored wire
	2.4	[mm], cored wire
	2.8	[mm], cored wire

Descriptive Properties	Value	Comments sleeves (4 sleeves=1 box)
	4	[mm] 4.5kg sleeves (4 sleeves=1 box)
	5	[mm] 5kg sleeves (4 sleeves=1 box)
Packaging: Wire	1.1	[mm], 15kg spools
	1.6	[mm], 15kg & 25kg spools
	2.4	[mm], 25kg spools
	2.8	[mm], 25kg spools

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