

Trimay® Wear Plate TWP61 Complex-carbide Flux Cored Weld Wire & Electrode

Category : Metal , Ferrous Metal , Alloy Steel

Material Notes:

Description: TWP61 is a complex-carbide flux cored wire electrode used to protect equipment and parts from heavy wear in extreme temperatures. TWP61 has a unique composition that forms a tight crystalline matrix, and is able to deter heavy wear in temperatures up to 842oF (450oC). **Key Performance Characteristics:** Heavy abrasion resistance, High heat resistance, Tight crystalline matrix, Good corrosion resistance **Applications:** TWP61 can be overlain on carbon steel, manganese base materials and mild or alloy steels. The maximum recommended deposit thickness of TWP61 3/8" (9.53mm) in 2 - 3 layers. TWP61 is used for the installation of T157 wear plate and parts, as well as for hot wear applications such as burner tips, classifier cones and smokestacks. Information provided by Trimay®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trimay-Wear-Plate-TWP61-Complex-carbide-Flux-Cored-Weld-Wire-Electrode.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	60 - 64	60 - 64	Electrodes
	63 - 65	63 - 65	Wire

Component Elements Properties	Metric	English	Comments
Boron, B	<= 1.5 %	<= 1.5 %	
Carbon, C	<= 5.0 %	<= 5.0 %	
Chromium, Cr	<= 30 %	<= 30 %	
Iron, Fe	<= 30 %	<= 30 %	
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	
Tungsten, W	<= 1.5 %	<= 1.5 %	
Vanadium, V	<= 1.0 %	<= 1.0 %	

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

Descriptive Properties	2.4 Value	[mm], cored wire Comments
	2.8	[mm], cored wire
Packaging: Electrode	3.25	[mm] 4.5kg sleeves (4 sleeves=1 box)
	4	[mm] 5kg sleeves (4 sleeves=1 box)
	5	[mm] 5kg sleeves (4 sleeves=1 box)
Packaging: Wire	1.1	[mm], 15kg spools
	1.6	[mm], 25kg spools
	2.4	[mm], 25kg spools
	2.8	[mm], 25kg spools

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