

## Trimay® Wear Plate TWP57 Chromium-based Flux Cored Weld Wire & Electrode

Category : Metal , Ferrous Metal , Alloy Steel

### Material Notes:

**Description:** TWP57 is a chromium-based flux cored wire electrode used to protect equipment and parts from heavy wear and mild-to-moderate direct impact. TWP57 has a compatible composition that allows it to be applied on a wide array of materials and it maintains good Rockwell Hardness (HRC) and wear ability at elevated temperatures. **Key Performance Characteristics:** Heavy abrasion and mild/moderate impact resistance, Compatible composition for welding, Hardness increase on underlying layer(s), Good hardness at elevated temperatures **Applications:** TWP57 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). TWP57 is used to cover exposed bolts and seams for installation of T156 wear plate and parts, as well as for small area lining of heavy wearing parts and equipment such as the front lip 'bullnose' of asphalt screeds. Information provided by Trimay®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Trimay-Wear-Plate-TWP57-Chromium-based-Flux-Cored-Weld-Wire-Electrode.php](http://www.lookpolymers.com/polymer_Trimay-Wear-Plate-TWP57-Chromium-based-Flux-Cored-Weld-Wire-Electrode.php)

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	59	59	Wire, layer 1
	61 - 63	61 - 63	Electrodes
	63	63	Wire, layer 2

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 5.0 %	<= 5.0 %	
Chromium, Cr	<= 30 %	<= 30 %	
Iron, Fe	>= 62 %	>= 62 %	
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	1.6	[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	1.6	[mm], 25kg spools
	2.4	[mm], 25kg spools
	2.8	[mm], 25kg spools

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China