

## Bisalloy Steels BisPlate 500 Thickness 6- 100 mm

Category : Metal , Ferrous Metal , Alloy Steel , Low Alloy Steel , Carbon Steel , Low Carbon Steel

### Material Notes:

A through hardened, abrasion resistant steel plate, offering long life expectancy in sliding and gouging abrasion applications. Applications: Dump Truck Wear Liners, Chutes, Wear Liners, Earth Moving Buckets, Ground Engaging Tools, Cutting Edges  
Welding: According to AS/NZS 1554 parts 4 and 5  
Tolerance: In accordance with AS/NZS 1365

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bisalloy-Steels-BisPlate-500-Thickness-6-100-mm.php](http://www.lookpolymers.com/polymer_Bisalloy-Steels-BisPlate-500-Thickness-6-100-mm.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	500	500	
Tensile Strength at Break	1640 MPa	238000 psi	
Tensile Strength, Yield	1400 MPa @Strain 0.200 %	203000 psi @Strain 0.200 %	
Elongation at Break	10 %	10 %	in 50 mm GL
Charpy Impact	35.0 J	25.8 ft-lb	Longitudinal, (10mmx10mm)

Component Elements Properties	Metric	English	Comments
Boron, B	0.0010 %	0.0010 %	
Carbon, C	0.29 %	0.29 %	
Chromium, Cr	1.0 %	1.0 %	
Iron, Fe	97.6 %	97.6 %	As Balance
Manganese, Mn	0.30 %	0.30 %	
Molybdenum, Mo	0.25 %	0.25 %	
Nickel, Ni	0.20 %	0.20 %	
Phosphorous, P	0.015 %	0.015 %	
Silicon, Si	0.30 %	0.30 %	
Sulfur, S	0.0030 %	0.0030 %	

Descriptive Properties	Value	Comments
CE (IIW)	0.61	
PCM	0.4	

Descriptive Properties	Value	Comments
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Surface Finish

Shotblasted

## Contact Songhan Plastic Technology Co.,Ltd.

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