

## Bisalloy Steels BisPlate 400 Thickness 16-80 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 high impact abrasion applications. Applications: Dump Truck Wear Liners, Screw Conveyors, Chutes, Storage Bins, Earthmoving Buckets, Cyclones, Deflector Plates, 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-400-Thickness-16-80-mm.php](http://www.lookpolymers.com/polymer_Bisalloy-Steels-BisPlate-400-Thickness-16-80-mm.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	400	400	
Tensile Strength at Break	1320 MPa	191000 psi	
Tensile Strength, Yield	1070 MPa @Strain 0.200 %	155000 psi @Strain 0.200 %	
Elongation at Break	14 %	14 %	in 50 mm GL
Charpy Impact	55.0 J	40.6 ft-lb	Longitudinal, (10mmx10mm)

Component Elements Properties	Metric	English	Comments
Boron, B	0.0010 %	0.0010 %	
Carbon, C	0.18 %	0.18 %	
Chromium, Cr	0.20 %	0.20 %	
Iron, Fe	97.8 %	97.8 %	As Balance
Manganese, Mn	1.4 %	1.4 %	
Molybdenum, Mo	0.20 %	0.20 %	
Phosphorous, P	0.010 %	0.010 %	
Silicon, Si	0.20 %	0.20 %	
Sulfur, S	0.0030 %	0.0030 %	

Descriptive Properties	Value	Comments
CE (IIW)	0.5	
PCM	0.29	
Surface Finish	Shotblasted	

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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