

Bisalloy Steels BisPlate 400 Thickness 5 -

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-5-.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	0.16 %	0.16 %	
Iron, Fe	98.3 %	98.3 %	As Balance
Manganese, Mn	1.1 %	1.1 %	
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)	0.4	
PCM	0.25	
Surface Finish	Shotblasted	

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