

Bisalloy Steels BisPlate 320 Thickness >80- 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 high impact abrasion applications. Applications: Deflector Plates, Chutes, Storage Bins, Dump Truck Liners, Earthmoving Buckets
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-320-Thickness-80-100-mm.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	340	340	
Tensile Strength at Break	1070 MPa	155000 psi	
Tensile Strength, Yield	970 MPa @Strain 0.200 %	141000 psi @Strain 0.200 %	
Elongation at Break	16 %	16 %	in 50 mm GL
Charpy Impact	60.0 J	44.3 ft-lb	Longitudinal, (10mmx10mm)

Component Elements Properties	Metric	English	Comments
Boron, B	0.0010 %	0.0010 %	
Carbon, C	0.16 %	0.16 %	
Chromium, Cr	0.90 %	0.90 %	
Iron, Fe	97.4 %	97.4 %	As Balance
Manganese, Mn	1.15 %	1.15 %	
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)	0.58	
PCM	0.3	
Surface Finish	Shotblasted	

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

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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