

Bisalloy Steels BisPlate 450 Thickness 8-20 mm

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

Material Notes:

A through hardened, abrasion resistant steel plate, with guaranteed high impact toughness
 Applications: Dump Truck Bodies, Mining Buckets, Tipper Bodies, Cutting Edges, Dump Truck Wear Liners, Construction Waste Bins, Liner Plates/Chutes
 Testing: AS/NZS 1816, AS/NZS 1544
 Tolerance: In accordance with AS/NZS 1365

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bisalloy-Steels-BisPlate-450-Thickness-8-20-mm.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	425 - 475	425 - 475	
Tensile Strength at Break	1400 MPa	203000 psi	
Tensile Strength, Yield	1150 MPa @Strain 0.200 %	167000 psi @Strain 0.200 %	
Elongation at Break	12 %	12 %	in 50 mm GL
Charpy Impact	17.0 - 25.0 J @Temperature -40.0 °C	12.5 - 18.4 ft-lb @Temperature -40.0 °F	Longitudinal

Component Elements Properties	Metric	English	Comments
Boron, B	0.0020 %	0.0020 %	
Carbon, C	0.23 %	0.23 %	
Chromium, Cr	0.90 %	0.90 %	
Iron, Fe	97.7 %	97.7 %	As Balance
Manganese, Mn	0.40 %	0.40 %	
Molybdenum, Mo	0.15 %	0.15 %	
Phosphorous, P	0.025 %	0.025 %	
Silicon, Si	0.60 %	0.60 %	
Sulfur, S	0.0050 %	0.0050 %	

Descriptive Properties	Value	Comments
CE (IIW)	0.45	
CET	0.35	

Descriptive Properties

Value ^{lasted}

Comments

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