

Industeel FORA 360 BC 360 HB Wear Resistant Steel

Category : Metal , Ferrous Metal , Carbon Steel , Medium Carbon Steel

Material Notes:

Description: FORA 360 BC is a water quenched, abrasion resistant steel, of a hardness 360 HB. It presents at a good aptitude of implementation in particular in welding. Information provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Industeel-FORA-360-BC-360-HB-Wear-Resistant-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	400	400	Typical
Tensile Strength, Ultimate	1200 MPa	174000 psi	Typical
Tensile Strength, Yield	1000 MPa @Strain 0.200 %	145000 psi @Strain 0.200 %	Typical
Elongation at Break	14 %	14 %	Typical, EL 5.65
Charpy Impact	40.0 J	29.5 ft-lb	Typical (Longitudinal)

Component Elements Properties	Metric	English	Comments
Carbon, C	0.13 %	0.13 %	
Chromium, Cr	0.20 %	0.20 %	
Iron, Fe	98.29 - 98.32 %	98.29 - 98.32 %	As remainder for 16 mm or less plate
Manganese, Mn	1.3 %	1.3 %	
Molybdenum, Mo	0.050 %	0.050 %	
Phosphorous, P	<= 0.020 %	<= 0.020 %	
Sulfur, S	<= 0.010 %	<= 0.010 %	

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