ArcelorMittal H 360 Solid solution steel, Cold rolled

Category : Metal , Ferrous Metal , Alloy Steel

Material Notes:

Available in the following: uncoated (HC300P) and electrogalvanized (HC300P+ZE) Description: Solid solution steels are designed to provide high strength while maintaining good drawability. These steels are hardened by phosphorous in solid solution in the ferrite. Their combination of mechanical strength and drawability makes these grades suitable for numerous applications. They are particularly recommended for structural and reinforcement parts requiring good fatigue and impact strength (longitudinal beams, cross members, B-pillars, etc.). Solid solution steels are killed aluminum grades with lower drawing quality than the IF range of steels. The ArcelorMittal range of continuous hot dip galvanized (Extragal®/Galvannealed) steels is described under interstitial-free steels.Information provided by ArcelorMittal

Order this product through the following link:
http://www.lookpolymers.com/polymer_ArcelorMittal-H-360-Solid-solution-steel-Cold-rolled.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	400 - 480 MPa	58000 - 69600 psi	
Tensile Strength, Yield	300 - 360 MPa	43500 - 52200 psi	
Elongation at Break	>= 26 %	>= 26 %	L₀=80 mm, th<3 mm
Fatigue Strength	<= 350 MPa @# of Cycles 2.00e+6	<= 50800 psi @# of Cycles 2.00e+6	
	<= 350 MPa @# of Cycles 1.00e+7	<= 50800 psi @# of Cycles 1.00e+7	
	<= 375 MPa @# of Cycles 100000	<= 54400 psi @# of Cycles 100000	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.10 %	<= 0.10 %	
Iron, Fe	>= 98.7 %	>= 98.7 %	as balance
Manganese, Mn	<= 0.70 %	<= 0.70 %	
Silicon, Si	<= 0.50 %	<= 0.50 %	

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