

Crucible Steel MAXEL® Tooling Alloy Steel, AISI 4140 Modified

Category : Metal , Ferrous Metal , Alloy Steel , AISI 4000 Series Steel , Tool Steel

Material Notes:

Maxel Tooling Alloy is an AISI 4140 modified chemistry alloy steel heat treated to a medium hardness (26/34 HRC) and ground to tool steel tolerances (+.015 allowance, +0.15/- .000 tolerance).Information provided by Crucible Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Crucible-Steel-MAXEL-Tooling-Alloy-Steel-AISI-4140-Modified.php

Physical Properties	Metric	English	Comments
Density	7.81 g/cc	0.282 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	185 - 200	185 - 200	
Hardness, Rockwell C	26 - 34	26 - 34	
Modulus of Elasticity	200 GPa	29000 ksi	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.42 %	0.42 %	
Chromium, Cr	1.0 %	1.0 %	
Iron, Fe	97 %	97 %	as balance
Manganese, Mn	1.0 %	1.0 %	
Molybdenum, Mo	0.20 %	0.20 %	
Silicon, Si	0.30 %	0.30 %	

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