

Kennametal Stellite Tristelle TS-1 Iron Alloy

Category: Metal, Ferrous Metal, Superalloy

Material Notes:

The Tristelle Alloy family resists corrosion and all forms of wear. In particular, they were developed to withstand galling, the gross damage commonly encountered in metal to metal sliding systems. Information provided by Kennametal Stelliteâ, ¢

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Tristelle-TS-1-Iron-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	38	38	

Component Elements Properties	Metric	English	Comments	
Carbon, C	<= 10 %	<= 10 %		
Chromium, Cr	30 %	30 %		
Iron, Fe	>= 54 %	>= 54 %	as balance	
Silicon, Si	5.0 %	5.0 %		
Tungsten, W	<= 1.0 %	<= 1.0 %		

Descriptive Properties	Value	Comments
Application Technique	PTA & laser deposition	

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