

Kennametal Stellite Deloro® 40 Nickel Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

DELORO® 40 is a hard-facing alloy, which resists wear, heat, corrosion and galling. It displays exceptional impact resistance and excellent machinability. DELORO® 40 cannot be hot or cold-worked, but can be hot formed while in the plastic condition. It has little tendency to warp annealed work to which it is applied. Information provided by Kennametal Stellite™

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-40-Nickel-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	38 - 42	38 - 42	

Component Elements Properties	Metric	English	Comments
Boron, B	1.7 %	1.7 %	
Carbon, C	0.30 %	0.30 %	
Chromium, Cr	7.5 %	7.5 %	
Iron, Fe	2.5 %	2.5 %	
Nickel, Ni	>= 84.5 %	>= 84.5 %	as balance
Silicon, Si	3.5 %	3.5 %	

Descriptive Properties	Value	Comments
Application Technique	HVOF & thermal spray	
	PTA & laser deposition	
	Spray-fuse & powder welding	

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