

H.C. Starck Amperit® 421.1 NiCoCrAlTaReY (MCrAlY)

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-4211-NiCoCrAlTaReY-MCrAlY.php

Physical Properties	Metric	English	Comments
Particle Size	22 µm	22 µm	Maximum of 15% less than
	45 µm	45 µm	Maximum of 7% greater than

Component Elements Properties	Metric	English	Comments
Aluminum, Al	6.25 - 6.75 %	6.25 - 6.75 %	
Chromium, Cr	17 - 19 %	17 - 19 %	
Cobalt, Co	9.0 - 11 %	9.0 - 11 %	
Hafnium, Hf	0.40 - 0.60 %	0.40 - 0.60 %	
Nickel, Ni	52.6 - 58.8 %	52.6 - 58.8 %	
Rhenium, Re	1.8 - 2.2 %	1.8 - 2.2 %	
Silicon, Si	0.80 - 1.2 %	0.80 - 1.2 %	
Tantalum, Ta	5.75 - 6.25 %	5.75 - 6.25 %	
Yttrium, Y	0.20 - 0.40 %	0.20 - 0.40 %	

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