

H.C. Starck Amperit® 335.066 Nickel Self-fluxing Alloy HRC 60 (NiCrBSi)

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-335066-Nickel-Self-fluxing-Alloy-HRC-60-NiCrBSi.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	3.80 - 4.60 g/cc	0.137 - 0.166 lb/in³	ASTM B212
Particle Size	3.0 µm	3.0 µm	Maximum of 3% less than
	53 µm	53 µm	Maximum of 10% greater than

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	60	60	

Component Elements Properties	Metric	English	Comments
Boron, B	3.0 - 3.9 %	3.0 - 3.9 %	
Carbon, C	0.60 - 1.2 %	0.60 - 1.2 %	
Chromium, Cr	13 - 17 %	13 - 17 %	
Iron, Fe	3.0 - 6.0 %	3.0 - 6.0 %	
Nickel, Ni	68.4 - 77.1 %	68.4 - 77.1 %	
Silicon, Si	3.9 - 4.9 %	3.9 - 4.9 %	

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