

H.C. Starck Amperit® 529.053 Tungsten Carbide - Hastalloy C 85-15 (NiMoCrFeCo)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-529053-Tungsten-Carbide-Hastalloy-C-85-15-NiMoCrFeCo.php

Physical Properties	Metric	English	Comments
Density	3.80 - 4.60 g/cc	0.137 - 0.166 lb/in ³	ASTM B417
Particle Size	9.0 - 13 µm	9.0 - 13 µm	10%
	18 - 24 µm	18 - 24 µm	50%
	30 - 40 µm	30 - 40 µm	90%
	44 µm	44 µm	96% less than
	62 µm	62 µm	99% less than
	88 µm	88 µm	100% less than

Component Elements Properties	Metric	English	Comments
Carbon, C	5.0 - 6.0 %	5.0 - 6.0 %	
Chromium, Cr	2.0 - 3.5 %	2.0 - 3.5 %	
Cobalt, Co	0.30 - 0.60 %	0.30 - 0.60 %	
Iron, Fe	0.80 - 1.5 %	0.80 - 1.5 %	
Molybdenum, Mo	2.0 - 3.5 %	2.0 - 3.5 %	
Nickel, Ni	8.0 - 12 %	8.0 - 12 %	
Oxygen, O	<= 0.20 %	<= 0.20 %	

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