

H.C. Starck Amperit® 547.059 Tungsten Carbide-Nickel 88-12 (WC-Ni)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-547059-Tungsten-Carbide-Nickel-88-12-WC-Ni.php

Physical Properties	Metric	English	Comments
Density	4.70 - 5.60 g/cc	0.170 - 0.202 lb/in ³	ASTM B417
Particle Size	17 - 22 µm	17 - 22 µm	10%
	30 - 38 µm	30 - 38 µm	50%
	44 µm	44 µm	Minimum of 99% less than
	53 - 63 µm	53 - 63 µm	90%
	62 µm	62 µm	100% less than

Component Elements Properties	Metric	English	Comments
Carbon, C	5.4 - 5.8 %	5.4 - 5.8 %	
Iron, Fe	<= 0.20 %	<= 0.20 %	
Nickel, Ni	11 - 13 %	11 - 13 %	
Tungsten, W	81 - 83.6 %	81 - 83.6 %	

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