

H.C. Starck Amperit® 519.059 Agglomerated, Sintered Tungsten Carbide-Cobalt 88-12 (WC-CO)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-519059-Agglomerated-Sintered-Tungsten-Carbide-Cobalt-88-12-WC-CO.php

Physical Properties	Metric	English	Comments
Density	5.00 - 5.60 g/cc	0.181 - 0.202 lb/in ³	ASTM B417
Particle Size	8.0 - 12 µm	8.0 - 12 µm	10%
	15 - 21 µm	15 - 21 µm	50%
	26 - 34 µm	26 - 34 µm	90%
	44 µm	44 µm	minimum of 99% less than
	62 µm	62 µm	100% less than

Component Elements Properties	Metric	English	Comments
Carbon, C	5.2 - 5.6 %	5.2 - 5.6 %	
Cobalt, Co	10.5 - 13 %	10.5 - 13 %	
Iron, Fe	<= 0.20 %	<= 0.20 %	
Tungsten, W	81.2 - 84.3 %	81.2 - 84.3 %	

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