

H.C. Starck Amperit® 559.074 Agglomerated, Sintered Tungsten Carbide-Cobalt-Chromium 86-6-8 (WC-Co-Cr)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-559074-Agglomerated-Sintered-Tungsten-Carbide-Cobalt-Chromium-86-6-8-WC-Co-Cr.php

Physical Properties	Metric	English	Comments
Density	4.80 - 5.80 g/cc	0.173 - 0.210 lb/in ³	ASTM B212
Particle Size	16 - 20 µm	16 - 20 µm	10%
	28 - 34 µm	28 - 34 µm	50%
	50 - 60 µm	50 - 60 µm	90%
	88 µm	88 µm	100% less than

Component Elements Properties	Metric	English	Comments
Carbon, C	5.2 - 5.8 %	5.2 - 5.8 %	
Chromium, Cr	7.0 - 9.0 %	7.0 - 9.0 %	
Cobalt, Co	5.0 - 7.0 %	5.0 - 7.0 %	
Iron, Fe	<= 0.30 %	<= 0.30 %	
Oxygen, O	<= 0.20 %	<= 0.20 %	
Tungsten, W	77.7 - 82.8 %	77.7 - 82.8 %	

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