

## H.C. Starck Amperit® 539.054 Agglomerated, Sintered Tungsten Carbide-Tungsten Boride-Cobalt-Chromium (WC-WB-Co-Cr) 60-30-5-5

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Amperit-539054-Agglomerated-Sintered-Tungsten-Carbide-Tungsten-Boride-Cobalt-Chromium-WC-WB-Co-Cr-60-30-5-5.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-539054-Agglomerated-Sintered-Tungsten-Carbide-Tungsten-Boride-Cobalt-Chromium-WC-WB-Co-Cr-60-30-5-5.php)

Physical Properties	Metric	English	Comments
Density	3.40 - 4.10 g/cc	0.123 - 0.148 lb/in <sup>3</sup>	ASTM B212
Particle Size	15 - 20 µm	15 - 20 µm	10%
	28 - 38 µm	28 - 38 µm	50%
	48 - 62 µm	48 - 62 µm	90%
	88 µm	88 µm	100% less than

Component Elements Properties	Metric	English	Comments
Boron, B	1.5 - 2.5 %	1.5 - 2.5 %	
Carbon, C	3.5 - 4.5 %	3.5 - 4.5 %	
Chromium, Cr	4.0 - 6.0 %	4.0 - 6.0 %	
Cobalt, Co	4.0 - 6.0 %	4.0 - 6.0 %	

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