

## H.C. Starck Amperit® 538.074 Agglomerated, Sintered Tungsten Carbide-Tungsten Boride-Cobalt (WC-WB-Co ) 60-30-10

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Amperit-538074-Agglomerated-Sintered-Tungsten-Carbide-Tungsten-Boride-Cobalt-WC-WB-Co-60-30-10.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-538074-Agglomerated-Sintered-Tungsten-Carbide-Tungsten-Boride-Cobalt-WC-WB-Co-60-30-10.php)

Physical Properties	Metric	English	Comments
Density	4.10 - 4.70 g/cc	0.148 - 0.170 lb/in <sup>3</sup>	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
Boron, B	1.5 - 2.5 %	1.5 - 2.5 %	
Carbon, C	3.5 - 4.0 %	3.5 - 4.0 %	
Cobalt, Co	9.0 - 11 %	9.0 - 11 %	

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