

## H.C. Starck Amperit® 554.071 Tungsten Carbide-Cobalt-Chromium 86-10-4 (WC-Co-Cr)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Amperit-554071-Tungsten-Carbide-Cobalt-Chromium-86-10-4-WC-Co-Cr.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-554071-Tungsten-Carbide-Cobalt-Chromium-86-10-4-WC-Co-Cr.php)

Physical Properties	Metric	English	Comments
Particle Size	7.0 - 9.0 $\mu\text{m}$	7.0 - 9.0 $\mu\text{m}$	10%
	14 - 18 $\mu\text{m}$	14 - 18 $\mu\text{m}$	50%
	13 - 21 $\mu\text{m}$	13 - 21 $\mu\text{m}$	MV
	27 - 31 $\mu\text{m}$	27 - 31 $\mu\text{m}$	90%
	88 $\mu\text{m}$	88 $\mu\text{m}$	100% less than

Component Elements Properties	Metric	English	Comments
Carbon, C	5.0 - 6.0 %	5.0 - 6.0 %	
Chromium, Cr	3.0 - 5.0 %	3.0 - 5.0 %	
Cobalt, Co	8.5 - 11.5 %	8.5 - 11.5 %	
Iron, Fe	$\leq 0.80$ %	$\leq 0.80$ %	
Oxygen, O	$\leq 0.20$ %	$\leq 0.20$ %	
Tungsten, W	76.5 - 83.5 %	76.5 - 83.5 %	

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