

## H.C. Starck Amperit® 588.074 Chromium Carbide-Nickel Chromium 75-25 (Cr<sub>3</sub>C<sub>2</sub>-NiCr) 45/15 μm

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Amperit-588074-Chromium-Carbide-Nickel-Chromium-75-25-Cr3C2-NiCr-4515-m.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-588074-Chromium-Carbide-Nickel-Chromium-75-25-Cr3C2-NiCr-4515-m.php)

Physical Properties	Metric	English	Comments
Density	2.30 - 3.00 g/cc	0.0831 - 0.108 lb/in <sup>3</sup>	ASTM B212
Particle Size	17 - 21 μm	17 - 21 μm	10%
	31 - 39 μm	31 - 39 μm	50%
	54 - 64 μm	54 - 64 μm	90%
	88 μm	88 μm	100% less than

Component Elements Properties	Metric	English	Comments
Carbon, C	9.0 - 11 %	9.0 - 11 %	
Iron, Fe	<= 0.50 %	<= 0.50 %	
Nickel, Ni	18 - 22 %	18 - 22 %	
Oxygen, O	<= 0.60 %	<= 0.60 %	

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