

H.C. Starck Amperit® 583.054 Chromium Carbide-Nickel 83-17 (Cr₃C₂-Ni)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer_HC-Starck-Amperit-583054-Chromium-Carbide-Nickel-83-17-Cr₃C₂-Ni.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-583054-Chromium-Carbide-Nickel-83-17-Cr3C2-Ni.php)

Physical Properties	Metric	English	Comments
Density	2.50 - 3.30 g/cc	0.0903 - 0.119 lb/in ³	ASTM B212
Particle Size	14 - 20 µm	14 - 20 µm	10%
	31 - 37 µm	31 - 37 µm	50%
	53 - 62 µm	53 - 62 µm	90%

Component Elements Properties	Metric	English	Comments
Carbon, C	10 - 11.5 %	10 - 11.5 %	
Iron, Fe	<= 0.50 %	<= 0.50 %	
Nickel, Ni	16 - 18 %	16 - 18 %	

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