

H.C. Starck Amperit® 588.059 Chromium Carbide-Nickel Chromium 75-25 (Cr₃C₂-NiCr)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-588059-Chromium-Carbide-Nickel-Chromium-75-25-Cr3C2-NiCr.php

Physical Properties	Metric	English	Comments
Density	2.50 - 3.20 g/cc	0.0903 - 0.116 lb/in ³	ASTM B417
Particle Size	9.0 - 13 Åµm	9.0 - 13 Åµm	10%
	18 - 24 Åµm	18 - 24 Åµm	50%
	30 - 40 Åµm	30 - 40 Åµm	90%
	62 Åµm	62 Åµm	minimum 99.5%
	88 Åµm	88 Åµm	100% less than

Component Elements Properties	Metric	English	Comments
Carbon, C	9.0 - 11 %	9.0 - 11 %	
Chromium, Cr	65.9 - 73 %	65.9 - 73 %	
Iron, Fe	<= 0.50 %	<= 0.50 %	
Nickel, Ni	18 - 22 %	18 - 22 %	
Oxygen, O	<= 0.60 %	<= 0.60 %	

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