

## H.C. Starck Amperit® 847.6 Agglomerated Yttria (Y2O3)

Category : Ceramic , Oxide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Amperit-8476-Agglomerated-Yttria-Y2O3.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-8476-Agglomerated-Yttria-Y2O3.php)

Physical Properties	Metric	English	Comments
Density	0.700 - 1.10 g/cc	0.0253 - 0.0397 lb/in <sup>3</sup>	ASTM B212
Particle Size	38 Åµm	38 Åµm	Maximum of 5% less than
	45 Åµm	45 Åµm	Maximum of 10% less than
	106 Åµm	106 Åµm	Maximum of 10% greater than
	125 Åµm	125 Åµm	Maximum of 2% greater than

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 0.020 %	<= 0.020 %	
Calcium, Ca	<= 0.020 %	<= 0.020 %	
Carbon, C	1.0 - 1.5 %	1.0 - 1.5 %	
Iron, Fe	<= 0.050 %	<= 0.050 %	
Molybdenum, Mo	<= 0.010 %	<= 0.010 %	
Silicon, Si	<= 0.10 %	<= 0.10 %	
Y2O3	98.2 - 99 %	98.2 - 99 %	
Zirconium, Zr	<= 0.10 %	<= 0.10 %	

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