

H.C. Starck Amperit® 832.6 Zirconium Oxide-Yttrium Oxide 93-7 (ZrO₂-Y₂O₃)

Category : Ceramic , Oxide , Zirconium Oxide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer_HC-Starck-Amperit-8326-Zirconium-Oxide-Yttrium-Oxide-93-7-ZrO₂-Y₂O₃.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-8326-Zirconium-Oxide-Yttrium-Oxide-93-7-ZrO2-Y2O3.php)

Physical Properties	Metric	English	Comments
Density	2.20 - 2.60 g/cc	0.0795 - 0.0939 lb/in ³	ASTM B212
Particle Size	39 - 49 Åµm	39 - 49 Åµm	10%
	68 - 77 Åµm	68 - 77 Åµm	50%
	107 - 125 Åµm	107 - 125 Åµm	90%
	176 Åµm	176 Åµm	Minimum of 99% less than

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	<= 0.10 %	<= 0.10 %	
Fe ₂ O ₃	<= 0.10 %	<= 0.10 %	
HfO ₂	<= 2.5 %	<= 2.5 %	
SiO ₂	<= 0.10 %	<= 0.10 %	
TiO ₂	>= 0.10 %	>= 0.10 %	
Y ₂ O ₃	7.0 - 9.0 %	7.0 - 9.0 %	
ZrO ₂	88.1 - 93 %	88.1 - 93 %	

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