

H.C. Starck Amperit® 827.054 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-827054-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	17 - 21 μm	17 - 21 μm	10%
	31 - 39 μm	31 - 39 μm	50%
	53 - 63 μm	53 - 63 μm	90%
	88 μm	88 μm	100% less than

Component Elements Properties	Metric	English	Comments
Al2O3	<= 0.20 %	<= 0.20 %	
Fe2O3	<= 0.30 %	<= 0.30 %	
HfO2	<= 2.0 %	<= 2.0 %	
SiO2	<= 0.50 %	<= 0.50 %	
TiO2	>= 0.40 %	>= 0.40 %	
Y2O3	7.0 - 9.0 %	7.0 - 9.0 %	
ZrO2	87.6 - 93 %	87.6 - 93 %	

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