

ATI Wah Chang Hafnium Oxide, HfO2

Category : Ceramic , Oxide

Material Notes:

A free flowing, coarse, tan powder. Information provided by ATI Wah Chang Typical Analysis: On Hf metal basis

Order this product through the following link:

http://www.lookpolymers.com/polymer_ATI-Wah-Chang-Hafnium-Oxide-HfO2.php

Physical Properties	Metric	English	Comments
Bulk Density	1.36 - 1.52 g/cc	0.0492 - 0.0550 lb/in ³	Milled
	2.00 - 2.16 g/cc	0.0723 - 0.0781 lb/in ³	
Particle Size	3.0 - 5.0 µm	3.0 - 5.0 µm	median, milled
Particle Mesh Size	8.0 Mesh	8.0 Mesh	typical
	400 Mesh	400 Mesh	nominally 90%, milled
Molecular Weight	210.49 g/mol	210.49 g/mol	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	0.15 %	0.15 %	
Iron, Fe	0.20 %	0.20 %	
Silicon, Si	0.15 %	0.15 %	
Sulfate, SO4	<= 0.10 %	<= 0.10 %	
Titanium, Ti	0.25 %	0.25 %	
Uranium, U	0.40 %	0.40 %	
Zirconium, Zr	<= 4.0 %	<= 4.0 %	

Descriptive Properties	Value	Comments
Nominal Purity %	98-99	

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