

## H.C. Starck Grade B Zirconium Diboride, ZrB<sub>2</sub>

Category : Ceramic , Boride

**Material Notes:**

Hot-pressed composites of excellent electrical conductivity, e.g., evaporation boats for continuous aluminum metallizing  
Crucible material for non-ferrous metals  
Ceramic shapes to be used in production of Al in Hall-Heroult cells  
Hot pressed TiB, armor plates  
Cutting tools and cermets, suitable for machining aluminum  
Metal Matrix Composites  
Antioxidant in carbon-bonded refractories  
Burnable absorbers for neutrons

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Grade-B-Zirconium-Diboride-ZrB2.php](http://www.lookpolymers.com/polymer_HC-Starck-Grade-B-Zirconium-Diboride-ZrB2.php)

Physical Properties	Metric	English	Comments
Particle Size	1.5 - 3.0 $\mu\text{m}$	1.5 - 3.0 $\mu\text{m}$	Average Particle Size/Laser Diffraction D50
	$\leq 6.0 \mu\text{m}$	$\leq 6.0 \mu\text{m}$	90% less than

Component Elements Properties	Metric	English	Comments
Hafnium, Hf	$\geq 0.20 \%$	$\geq 0.20 \%$	

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