

Reade Advanced Materials Calcia Stabilized Zirconium Oxide (ZrO₂ + CaO)

Category : Ceramic , Oxide , Zirconium Oxide

Material Notes:

Description: Produced by thermal processes. Used in wear parts, engine and machine components, mill media, refractories, ceramic pigments. fuel cells, laser, and capacitors. Forms Available: Various granulations are available down to nanosize. Information provided by Reade Advanced Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reade-Advanced-Materials-Calcia-Stabilized-Zirconium-Oxide-ZrO2-CaO.php

Physical Properties	Metric	English	Comments
Specific Gravity	5.75 g/cc	5.75 g/cc	
Density	5.700 g/cc	0.2059 lb/in ³	
Molecular Weight	123.22 g/mol	123.22 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	6.5	6.5	20°C

Thermal Properties	Metric	English	Comments
Melting Point	2700 °C	4890 °F	
Boiling Point	5500 °C	9930 °F	

Descriptive Properties	Value	Comments
Color	gray black	
Crystal Structure	monoclinic	

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