

China-Yixing Longly Refractories Alumina Grinding Balls and Lining Bricks Microcrystal Wear-Resistant Alumina Grinding Media (Balls) and Lining Bricks

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Characteristics: LONGLY adopts isostatic pressing and dry pressing in the forming process. We provide a variety of products with different dimension and specification. These products are extremely hard (9 on Moh's scale, only inferior to Diamond), fully dense, corrosion resistance, low wear loss, high grinding efficiency, no contamination on the material being ground. They are resistant to most acids and alkalis, except HF. **Applications:** Applicable to the lining and grinding media of milling equipment, such as ball mill, polishing machine and luster polish machine, which are used to grind all kinds of ceramic materials, refractories, cement, alpha-alumina powder, Kaolin, fused corundum material, mechanical catalyst, fluorescence material, ceramic glaze, pigment, paint and coating. Information Provided by China Yixing Longly Refractories Co. Ltd

Order this product through the following link:

http://www.lookpolymers.com/polymer_China-Yixing-Longly-Refractories-Alumina-Grinding-Balls-and-Lining-Bricks-Microcrystal-Wear-Resistant-Alumina-Grinding-Media-Balls-and-Lining-Bricks.php

Physical Properties	Metric	English	Comments
Bulk Density	3.55 - 3.65 g/cc	0.128 - 0.132 lb/in ³	
Water Absorption	<= 0.020 %	<= 0.020 %	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	9.0	9.0	
Compressive Strength	1500 - 2200 MPa	218000 - 319000 psi	Crushing Strength
Fracture Toughness	5.60 - 6.80 MPa-m ^{1/2}	5.10 - 6.19 ksi-in ^{1/2}	

Component Elements Properties	Metric	English	Comments
Al2O3	90 - 95 %	90 - 95 %	
Fe2O3	0.20 - 0.30 %	0.20 - 0.30 %	

Descriptive Properties	Value	Comments
Wear Loss (%)	0.10-0.20	

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