



Product Catalog 2026

Seventeen products across seven ceramic families

99% 95% Al₂O₃ Alumina Ceramic Ring

Al₂O₃ Alumina Ceramic Parts | Wear rings and insulating collars machined to your drawing

Material: Alumina ceramic, 99% or 95% Al₂O₃ | Shape: Ring | Size: Customized to drawing | Density: 3.10-3.15 g/cm³

[products/99-95-al2o3-alumina-ceramic-ring.html](#)

Zirconia Ceramic Plungers

Zirconia Ceramic Parts | Plungers that keep their diameter in abrasive and corrosive dosing duty

Material: Zirconia | Colour: White or black | Shape: Custom | Size: Custom

[products/zirconia-ceramic-plungers.html](#)

Zirconia Ceramic Structural Parts

Zirconia Ceramic Parts | Load bearing ceramic components where steel wears and plastic deflects

Material: Zirconia | Colour: White or black | Shape: Custom | Size: Custom

[products/zirconia-ceramic-structural-parts.html](#)

Alumina Ceramic Disc for Water Pump

Machinery Ceramic Parts | Sealing and wear discs that outlast the pump service interval

Material: Alumina ceramic | Shape: Round or custom | Colour: White | Usage: Refractory and wear duty

[products/alumina.html](#)

Steatite Ceramic Beads and Bushings

Steatite Ceramic Parts | Talc based insulators for element supports and terminal work

Material: Steatite, talc based | Shape: Bush, bead, fish spine or custom | Size: Custom | Forming process: Dry pressing or hot pressing

[products/resistant-insulating-wear-resistance-electrical-steatite-ceramic-bead.html](#)

Steatite Ceramic Insulator

Steatite Ceramic Parts | Sticks strips channels and blocks rated for 1100 degree service

Material: Steatite | Shape: Stick, strip, channel, brick, knuckle, tile, blocks | Usage: Electrical insulators | Working temperature: 1100 d

[products/steatite-ceramic-insulator.html](#)

Textile Machinery Ceramic Accessories

Al₂O₃ Alumina Ceramic Parts | Yarn guides eyelets and tension parts that stop thread cutting

Material: Alumina | Colour: Pink, white, red, black | Size: D6*5, D8*8, D4*3, D9*9, D10*10 or custom | Shape: Custom

[products/textile-machinery-ceramic-accessories.html](#)

Refractory Alumina Ceramic Tube

Al₂O₃ Alumina Ceramic Parts | Work tubes thermocouple sheaths and element supports to 1650 degrees C

Material: Alumina ceramic | Colour: White or pink | Density: 3.85 g/cm³ | Mohs hardness: Grade 9

[products/refractory-alumina-ceramic-tube.html](#)

Al₂O₃ Alumina Ceramic Substrates

Al₂O₃ Alumina Ceramic Parts | Heat spreading insulating plates from 0.1 mm thickness with laser scribing

Material: Alumina, also zirconia, silicon nitride or aluminium nitride | Shape: Custom | Density: 3.8 g/cm³ | Working temperature: 1600 C

[products/al2o3-alumina-ceramic-substrates.html](#)

Precision Zirconia ZrO₂ Ceramic Blade

Ceramic Blades | Non-magnetic slitting blades that hold an edge against abrasive web

Material: Zirconia ZrO₂ | Colour: White | Density: 6.0 g/cm³ | Mohs hardness: 8.2

[products/precision-zirconia-zro2-ceramic-blade.html](#)



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continued

Si3N4 Silicon Nitride Ceramic Blade Knife

Ceramic Blades | Black blades for hot cutting and rapid temperature change

Material: Silicon nitride Si3N4 | Colour: Black | Dimension: Customized | Minimum order quantity: 10 pcs

[products/si3n4-silicon-nitride-ceramic-blade-knife.html](#)

Metallized Alumina Ceramic Ring

Metallized Ceramic Parts | Mo Mn metallized and plated rings ready to braze to metal

Material: Alumina Al2O3, also AlN or BeO | Size: Custom | Colour: White with metal coating | Metallized layer: Mo/Mn

[products/metallized-alumina-ceramic-ring.html](#)

SiC Silicon Carbide Ceramic Ring Cylinder

SSiC SiC Parts | Seal faces and sleeves ground to plus or minus 0.005 mm

Material: Silicon carbide SiC | Shape: Custom | Size: Custom | Tolerance: +/-0.005 mm

[products/sic-silicon-carbide-ceramic-ring-cylinder.html](#)

Industrial Ceramic Insulator Heating Ring Ceramic Strip

Steatite Ceramic Parts | One to eight hole strips for flexible ceramic pad heaters

Size: 1-8 hole | Colour: White, grey, pink | Maximum working temperature: 1650 degrees C, 3000 degrees F | Operating range: 1000 - 1800 degr

[products/industrial-ceramic-insulator-heating-ring-ceramic-strip.html](#)

Zirconia Ceramic Replacement Clipper Blade

Ceramic Blades | Size 18th and 25th blades with up to five times the life of steel

Material: Zirconia ceramic | Size: 18th, 25th | Colour: White, black, yellow, purple | Minimum order quantity: 100 pcs

[products/zirconia-ceramic-replacement-clipper-blade.html](#)

99% Al2O3 Alumina Ceramic Sheet Blank Plate

Al2O3 Alumina Ceramic Parts | Single piece minimum order for wear plates and insulating blanks

Material: 99% Al2O3 alumina ceramic | Colour: White or black | Size: Customized | Minimum order quantity: 1 pc

[products/99-al2o3-alumina-ceramic-sheet-blank-plate.html](#)

Zirconia Ceramic Rod

Zirconia Ceramic Parts | 94.4 percent zirconia rod with 0.5 micron crystal size and low minimum order

Material: Zirconia | Colour: White, customized | Size: Customized | Density: 6.0 g/cm3

[products/zirconia-ceramic-rod.html](#)