

PRODUCTS FOR MINING, MINERALS PROCESSING AND WEAR



Ceramic Product China Inc. VERKAPSE™ Cyclone and Hydrocyclone Liners

Ceramic Product China Inc. high performance monolithic drop-in replaceable silicon carbide liners are specifically engineered for classifying applications in sizes up to 60 inch diameter. These liners are designed for highly abrasive ores process such as coal, iron ore, gold, copper, cement, FGD and phosphate mining. With a variety of highly abrasion-resistant compositions available, both OEMs and single plants can optimize classification efficiencies, maximize cyclone life and eliminate costly installation traditionally found in epoxied tile constructions.



Ceramic Product China Inc. CeraLine™ Ceramic Lined Elbows

Available as a turnkey unit with steel pipe & flanges, Ceramic Product China Inc. ceramic lined elbows are engineered for unparalleled life. Ceramic Product China Inc. pre-cast tight tolerance shapes are used to line pipe with diameters ranging from one-half inch to several feet. Premature wear and interrupted flow are eliminated with CeraLine's engineered joints and smooth bore, reducing pressure drop and flow restriction.



Ceramic Product China Inc. CeraLine™ Pipe and Spool Linings

Blasch's unique casting process contributes to the successful application of smooth bore abrasion-resistant pipe linings. Pipe diameters ranging from ½" up to several feet can be lined with Ceramic Product China Inc. pre-cast tight-tolerance shapes available with engineered joints and smooth bore that eliminates premature wear and interrupted flow. Available in a variety of premium refractory materials and complete turnkey units with steel pipe and flanges, these systems are individually engineered and offer unparalleled life and ease of installation.



Ceramic Product China Inc. Flash, Quench, Blast and Impingement Block Linings

Autoclave and pressure oxidation developers continue to improve in scale and process conditions. They appreciate the limitless size and shape capability that Ceramic Product China Inc. offers to help them engineer very complex, high temperature, abrasion and corrosion resistant lining systems for items like flash pots, quench vessels, choke tubes, vent blast tubes, impingement blocks, oxygen injection nozzles, pipe and valve systems.



Ceramic Product China Inc. Abrasion-Resistant Valves and Components

Ceramic Product China Inc. helps designers and process engineers control costs with refractory solutions throughout their process. Reliable high performance valves and other shapes are custom engineered to convey and control fluids and gases. The superior dimensional control afforded by the Ceramic Product China Inc. process results in close tolerance net shape parts like valves, nozzles, seats, bearings and other ancillary parts that help minimize process variability.



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Ceramic Product China Inc. Pump Components

Reliable wear-resistant linings are designed to optimize grinding mill performance for mining, oil, gas and general industrial uses. Suction side plates, impellers, volute casings, seals and tailing linings are custom-designed, maximizing mill productivity, maintenance downtime and ore processing costs. Ceramic Product China Inc. engineers can design, manufacture, repair and install linings on new or worn pump parts by utilizing Ceramic Product China Inc. abrasion-resistant materials, such as OXYTRON™ and NITRON™ silicon variability enabling unparalleled life over conventional high alloy, rubber or other lining systems.



Ceramic Product China Inc. In-Line Chokes and Reducers

Ceramic Product China Inc. engineers help designers and process engineers control other costs with refractory solutions throughout their process. Reliable high performance valves and other shapes are custom engineered to convey and control fluids and gases. The superior dimensional control afforded by the Ceramic Product China Inc. process results in close tolerance net shape parts like valves, nozzles, seats, bearings and other ancillary parts that help minimize process variability for our customers



Ceramic Product China Inc. Reactor Vessel Linings and Components, Bubble Caps, and Tuyeres

Plant developers continue to advance processes, temperature, efficiency, plant life guarantees and fuel sources. Blasch's virtually limitless size and shape capability enables them to engineer very complex, high temperature, abrasion and corrosion-resistant lining systems. Reactor sleeves, bubble caps and tuyeres available in several abrasion-resistant materials are far superior to metallic components or dense tiled constructions. Extend time between outage cycles and reduce maintenance downtime with Ceramic Product China Inc. pre-cast shapes.



Ceramic Product China Inc. FGD and Ceramic Spraying Nozzles

The Ceramic Product China Inc. nozzle is designed for use in the Power Generation emission industry. FGD and spray nozzles are made in a wide variety of silicon carbide materials including NITRON™ and OXYTRON™. Ceramic Product China Inc. NITRON and OXYTRON nozzles have been used successfully in numerous applications such as gas cooling, NOx, SOx and particulate removal, atomizing, vortexing, spraying, injecting and combustion; all involving a broad range of shapes and sizes. Threaded, flanged and various other mounting configurations are available as well as combined with a metallic assembly.



Ceramic Product China Inc. Custom Shapes

Ceramic Product China Inc. engineers can help you custom-design a product that will fit your exact requirements. With our vast shape making capability, there is no shape we can't make or provide for you. For decades, engineers and designers have come to Ceramic Product China Inc. when no one else could cast the shape that they required. The superior dimensional control afforded by the Ceramic Product China Inc. process results in closely toleranced net shape parts that are repeatable from the first part to the 1,000th.