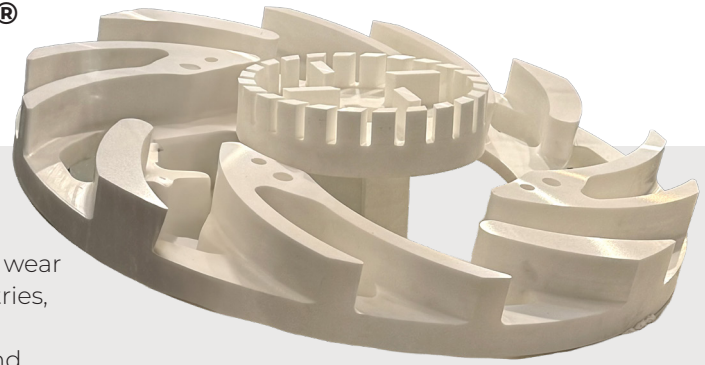




Lining and pipes

# ZIRALDES 1250/1310®



## HIGH-DENSITY TECHNICAL CERAMIC

Ceramic developed to protect surfaces against wear from abrasion and impact in a variety of industries, such as mining, energy, and transportation. It combines mechanical strength, durability, and ease of application, ensuring a long useful life under extreme conditions

## TECHNICAL DATA

PRODUCT	HARDNESS (AVERAGE)	DENSITY gr/cm <sup>3</sup>	FRACTURE RESISTANCE	COMPRESSIVE RESISTANCE	FLEXURAL STRENGTH	WORKING TEMPERATURE	CHEMICAL RESISTANCE
<b>Z 1250®</b>	1250 Vickers	5,65	12,5	850 MPa	290 MPa	1000 °C (max.)	High, against strong acids and alkalis
<b>Z 1310®</b>	1310 Vickers	6	6	5000 MPa	1100 MPa	1550~2600°C	

**ZIRALDES 1250®** is used in mining, energy industry, and transportation to protect and line industrial equipment such as hoppers, chutes, ducts, and cyclones, reinforce loading and unloading systems, optimize the transport of solid materials in production lines, and guarantee resistance to abrasion and impact.

**ZIRALDES 1310®** is mainly used in high-power devices, tubes, thermal insulation, processes that demand high temperatures, and other applications that require simultaneously guaranteeing conductivity and thermal insulation.

