

TTZ Shell Properties

ENDURA TTZ CONTAINMENT SHELL PROPERTIES

Transformation-Toughened Zirconia (TTZ) is a high strength engineered ceramic manufactured by Coors Ceramics. Ceramics are non-conductive, and therefore do not produce eddy current losses or the associated heat, like metallic shells. This eliminates the need for external cooling and for process fluid circulation through the shell to remove heat. The shells are 100% hydrostatically tested at 412 psi, and have an excellent field record of durability and performance.

While a metal shell is standard, a TTZ shell can also be used. Using a TTZ shell will result in significant efficiency gains, by reducing horsepower requirements. Contact Liquiflo for details on torque rating adjustment, efficiency adder, and availability.