



Introduction of salt core

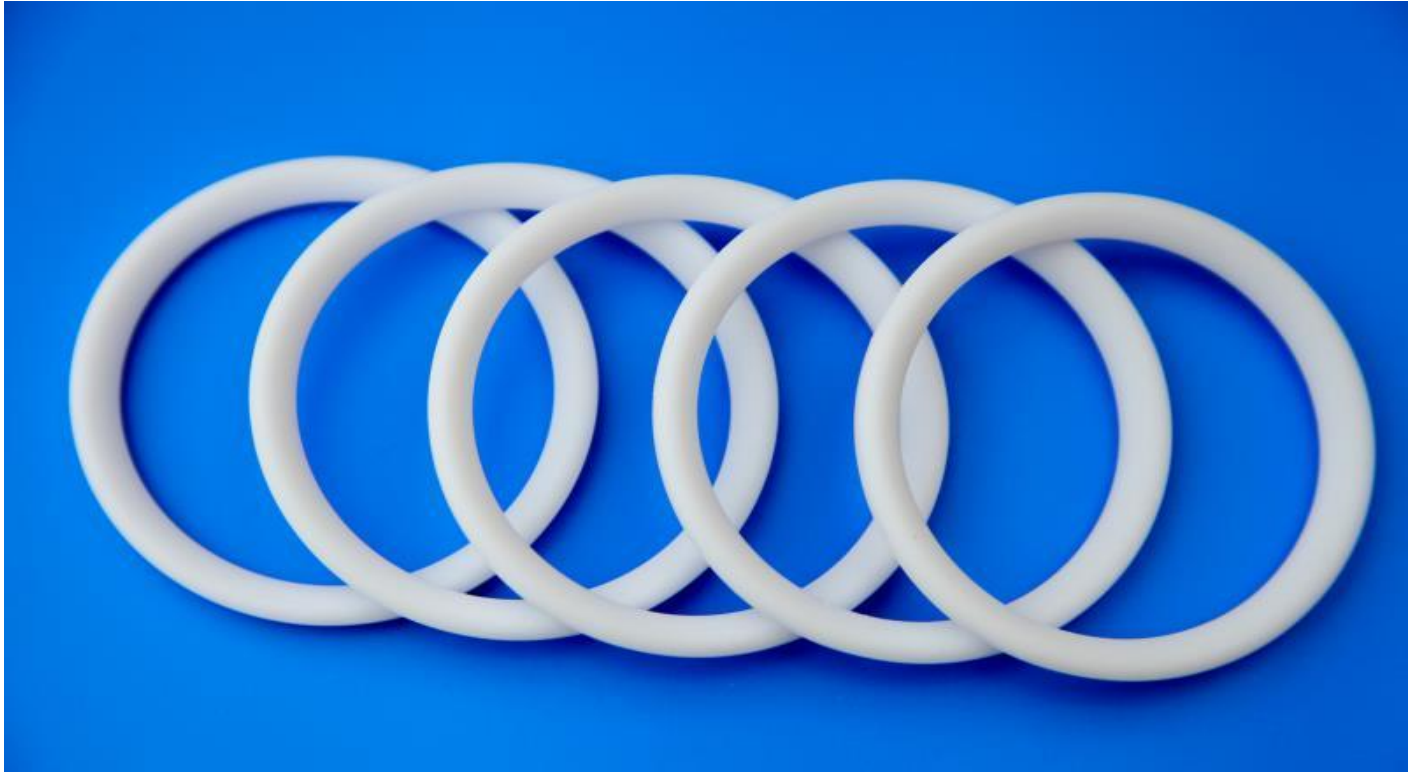
Binzhou Zhongshun Internal Combustion Engine Fittings Co., Ltd. (BZS)

Salt core—Originated from the Cooling Channel Pistons.



A new piston product combines the low-quality and low-friction characteristics of advanced gasoline engine pistons and adds the design of cooling channel near the upper end of the piston head. This new design can not only reduce the piston head temperature and the risk of " knock" in the engine environment with higher temperature and pressure, but also maintain higher structural strength. Vehicle manufacturers can use this product to further improve the power density and compression ratio without affecting the optimization or durability of the engine.

The birth of salt core



Through various experiments, salt cores were finally used to form the Cooling Channel in the casting process of aluminum pistons, which made the Cooling Channel piston become a reality. As the inner cavity of the Cooling Channel is larger, and the outlet of the Cooling Channel is smaller and the quantity is smaller, water-soluble salt cores which are easy to take off cores are generally selected. Water soluble salt core refers to the salt core made of water soluble salt as the matrix. It is characterized by being dissolved in water, and compared with other salt cores, the main advantage is that it is convenient for coring. It is based on this advantage that it has been widely used in pistons with Cooling Channel.

We will have a more environmentally world by the

Salt cores!



Thank you !