

HPT™ (HNBR) Elastomers increase reliability in extreme environments and in high temperature situations

Extreme temperatures can affect performance of conventional elastomers in stators. Abaco is currently developing HPT™ elastomers to provide increased durability in elevated temperatures.

Features

- High temperature elastomer designed to operate at temperatures up to 375 °F
- Hard rubber composition for high power output
- Excellent adhesion at high temperature
- Excellent wear resistance in all applications

High Temperature Elastomer

- HPT™ is a hard rubber elastomer with high power output
- Power output is expected to be similar to HPW, which is a high wear elastomer designed to deliver increased durability in high performance drilling applications

Adhesive Strength

- HPT™ maintains extremely high bond strength in OBM and WBM at temperatures above 300°F
- HPT™ also offers extended bond strength against fluids

Fluid Resistance

- HPT™ shows improved fluid resistance in both WBM and OBM at elevated temperature
- HPT™ fluid resistance also allows the elastomer to maintain its elasticity to improve durability in all applications

Relative Property Loss at 325°F

