MITSUBISHI CHEMICAL ADVANCED MATERIALS

Chemical / Oil & Gas Processing

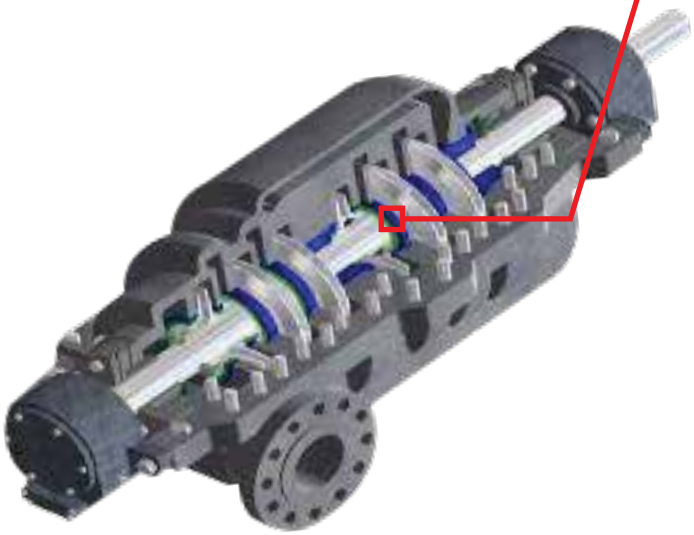
Compressors & Pumps

Material Solutions for Wear Rings, Bushings, Thrust Washers and Seals

Challenge

Do your compressor and pump parts wear out too quickly?

Mitsubishi Chemical Advanced Materials polymer solutions are outperforming standard industry materials for compressor and pump applications. Our materials offer exceptional cost savings by improved mean time between repair for wear rings, bushings, thrust washers and seals. As equipment is pushed to the extreme, materials with higher temperatures and wear resistance are needed. Contact our technical service team to learn how our extreme materials can reduce component wear rates by 3x.



Pump Wear Rings

Trends in Compressor & Pump Market

- Higher temperature resistance
- Increased part life in service
- Cost effective solutions
- Ease to manufacture
- Reduces excessive emissions

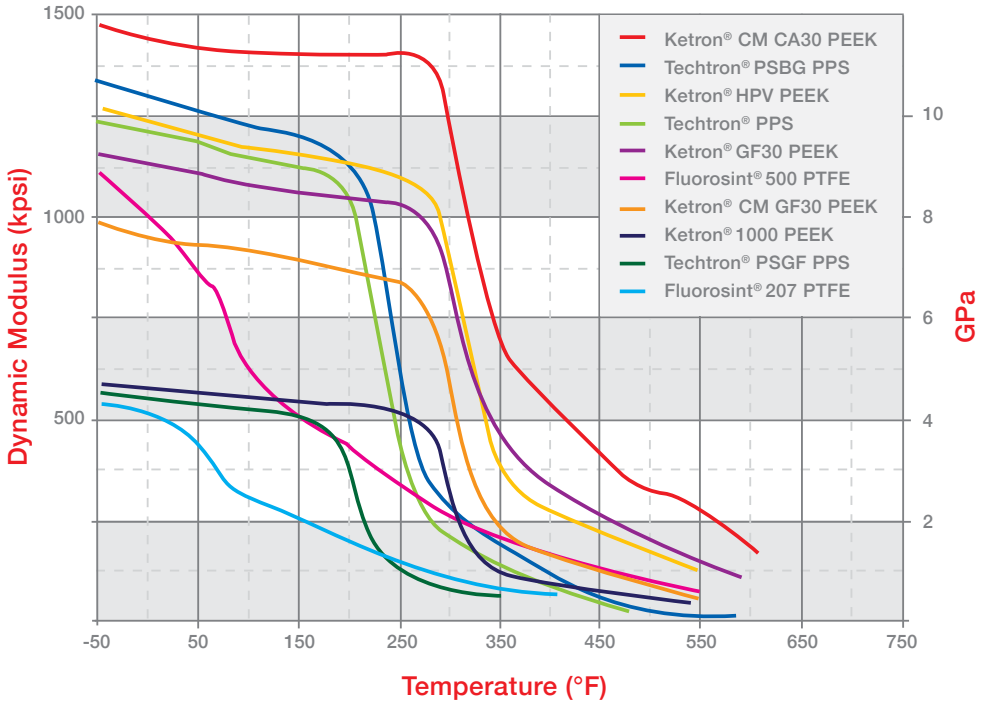
Customer Benefits

- Reduced wear, torque and leaks
- Increased design capabilities
- Reduced downtime
- Lower cost in service
- NORSOK M-710 (sour gas aging) compliance for Ketron® PEEK stock shapes

Mitsubishi Chemical Advanced Materials Added Value

- Material temperatures up to 800˚F / 426˚C
- Self lubricated materials
- High resistance to fuels, lubricants and chemicals
- Higher physical properties than traditional solutions
- Near Net Shapes, machining, and molded parts manufacturing equipment

Bushing



Common Applications

- Wear Rings
- Bushings
- Thrust Washers
- Seals

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