



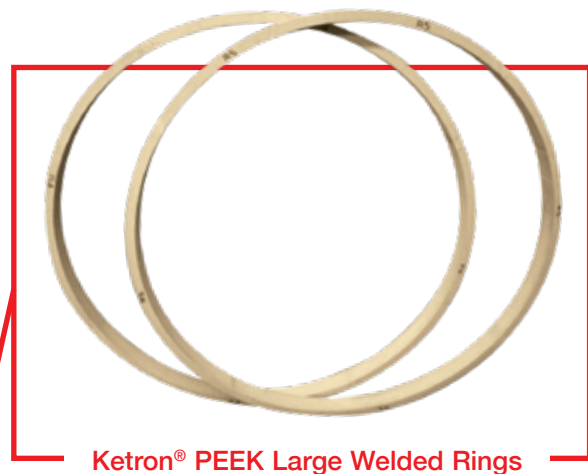
Ketron® PEEK / PTFE

Large Diameter Segmented Welded Rings

Challenge

Expand your selection of large rings up to 3 meters in diameter*

In applications requiring a large ring diameter (spring energized seal, back up ring, guide ring, bearings), customers tend to search for compression molded PTFE or PEEK materials. Mitsubishi Chemical Advanced Materials' "Segmented Welded Rings" made from Ketron® PEEK natural or modified Ketron® PEEK + PTFE with their proven mechanical properties are the answer. Completed welded rings, in their near net shape, maintain low stress and excellent dimensional stability required for final machining of custom shapes.



Common Applications

- Oil & Gas and Aerospace Industry
- Large High Temperature / High Pressure Seals (HTHP)
- Back-up Rings
- Guide Rings
- Wear Ring
- Bushings
- Large Diameter Valve Seats
- Crane Bearing and Swivels
- Offshore Mooring Systems

*Please contact us for additional sizes available



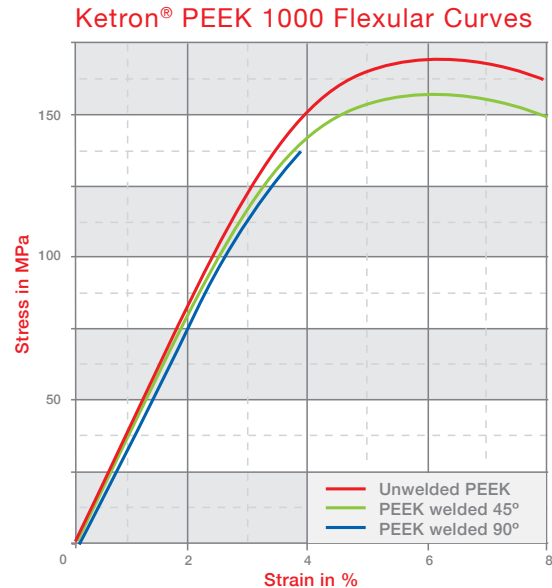
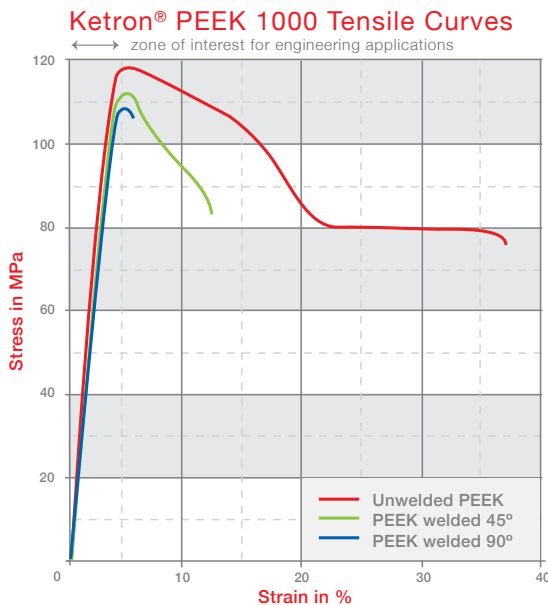
Mitsubishi Chemical Advanced Materials Added Value

- Full engineering from CAD to finished part
- Ring diameters beyond 3 meters
- Tested and certified materials (ISO 1183, ISO527, ISO178, ASTM1708)
- Exceptional wear properties
- Service temperature of up to 232 °C (450 °F)
- Low Deformation
- Quick quote process

Customer Benefits

- Longer lasting components
- High performance materials
- Superior welding technique
- Non-destruction parts
- New solution over metal
- Exceptional payback
- Reduce material scrap

Large Diameter Segmented Welded Rings



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