



When Performance Matters, Choose Ketron™ PEEK

When your customers demand high performance, Ketron™ PEEK delivers. However, even the best resin can fall short if the shape isn't processed with care. That's why Mitsubishi Chemical Group (MCG) focuses on doing it right, every time.

Processing You Can Trust

At MCG, processing Ketron™ PEEK starts with only qualified, high-viscosity resins. From there, our locked-down process does the heavy lifting:

- Statistical process controls ensure the resin properties are well maintained in the extruded or molded shape
- Advanced digital monitoring from resin drying through annealing checks that shapes meet agreed-upon specifications
- Precise extrusion tooling and run conditions have been fine-tuned over the past 40 years of processing PEEK resins in Europe and North America

Near-Net Shapes Built for Efficiency

When yield matters, near-net injection molded shapes and tubes are the smart choice. Our Ketron® PEEK near-net solutions can help you:

- Cut machining time
- Reduce waste
- Maximize part yield

Our shapes and parts machine clean, remain reliable, and save you and your customers time and material.



The Widest PEEK Portfolio in the Industry

No one offers more choices than MCG. With more than 20 Ketron™ PEEK grades, we can help you match the right material to every application.

Description	Extruded Shapes	Compression Molded	Injection Molded	Spun Cast
Non-reinforced general-purpose PEEK	Ketron™ 1000		Ketron™ IM 1000	Ketron™ SP 1000
Non-reinforced PEEK based on Victrex 450G resin	Ketron™ FK			
30% glass-fiber reinforced PEEK	Ketron™ GF30	Ketron™ CM GF30	Ketron™ IM GF30	Ketron™ SP GF30
30% carbon-fiber reinforced PEEK	Ketron™ CA30	Ketron™ CM CA30		Ketron™ SP CA30
Low-friction wear grade with PTFE and graphite PEEK	Ketron™ HPV	Ketron™ CM HPV		
PTFE-filled, EU food grade PEEK, blue	Ketron™ TX			
Medical grade PEEK, pre-assessed for ISO 10993 and USP requirements	Ketron™ LSG			
Cryogenic capable PEEK for structural applications	Ketron™ CRS		Ketron™ IM CRS	
Cryogenic capable PEEK for dynamic wear applications	Ketron™ CRD		Ketron™ IM CRD	
Metal and x-ray detectable PEEK, blue	Ketron™ VMX			

What Customers Say About Ketron™ PEEK

"Ketron™ PEEK is the cleanest of all the PEEK shape producers. We never find black specs [or] inclusions."

"We screw machine small PEEK parts and love the precision ground Ketron™ rod. It's straight with a very consistent outer diameter rod-to-rod and lot-to-lot."

"We struggled holding the inner diameter of a tight tolerance part until we started using Ketron™ 1000 rod. Now we can easily hold +/- .0005."

"I appreciate that we can find both Victrex PEEK and Ketaspire PEEK in shape form made to the same high-quality standards in such a wide range of sizes and shapes."

"Extruded 2.75" x 2" Ketron™ 1000 tube has improved my yield and throughput over both rod and 6" length injection molded tube. And the material is super stable."



Let's talk PEEK!

You don't have to sort through the options alone. Whether you're solving for yield, specs, or part life, we're here to help. [Contact us.](#)

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