



KetaSpire® PEEK

Not All PEEK is Created Equal

PEEK is one of the highest performance thermoplastics, surpassed only by Solvay's Torlon® PAI. Its chemical resistance is similar to PPS (polyphenylene sulfide), but PEEK can operate at higher temperatures, retaining its excellent mechanical properties at continuous-use temperatures up to 240 °C (464 °F).

Choose Better Performance

Not all commercial PEEK products deliver the same level of performance. KetaSpire® PEEK offers distinct performance advantages due to Solvay's newer polymer production technology. Depending on the grade, KetaSpire® PEEK offers

Better fatigue resistance
20% higher impact strength
60% higher ductility

KetaSpire® Product Line

Solvay's KetaSpire® PEEK product line includes:

Neat grades (lubricated and non-lubricated)
Glass fiber and carbon fiber reinforced grades (low and high melt flow)
Wear resistant SL grades (lubricated and non-lubricated)
Natural-colored powders (coarse, fine, super-fine and ultra-fine)

Comparison of neat and modified grades

KetaSpire®
PEEK
polyetheretherketone

