

Ajedium™



SOLVAY

asking more from chemistry®

Ajedium™ Films

**SPECIALTY
POLYMERS**

Ajedium™ Films

Solvay Specialty Polymers manufactures films from a broad range of high-performance polymers to meet the exacting requirements for a wide range of industries. The combination of properties such as mechanical strength, chemical resistance, wear and abrasion resistance, electrical insulation and thermal properties make Ajedium™ Films particularly suited for demanding applications.

High-performance polymer films

KetaSpire®	PEEK	Polyetheretherketone
AvaSpire®	PAEK	Polyaryletherketone
Radel®	PPSU	Polyphenylsulfone
Udel®	PSU	Polysulfone
Halar®	ECTFE	Ethylene chlorotrifluoroethylene
Solef®	PVDF	Polyvinylidene fluoride
Ixel®	PARA	Polyarylamide
	PEI	Polyetherimide
	TPI	Thermoplastic polyimide
	POM	Polyacetal
	PEKK	Polyetherketoneketone

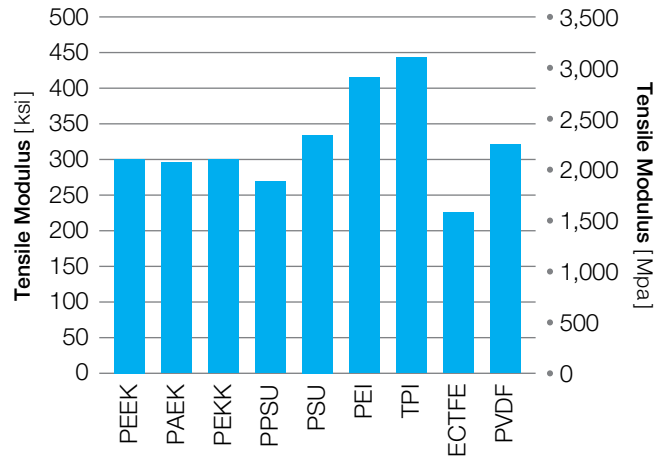
Global Markets Served

- Aircraft & Aerospace
- Alternative Energy
- Automotive
- Chemical Processing
- Consumer Goods
- Electrical/Electronics
- Healthcare
- Oil & Gas
- Packaging
- Pharmaceutical
- Semiconductor

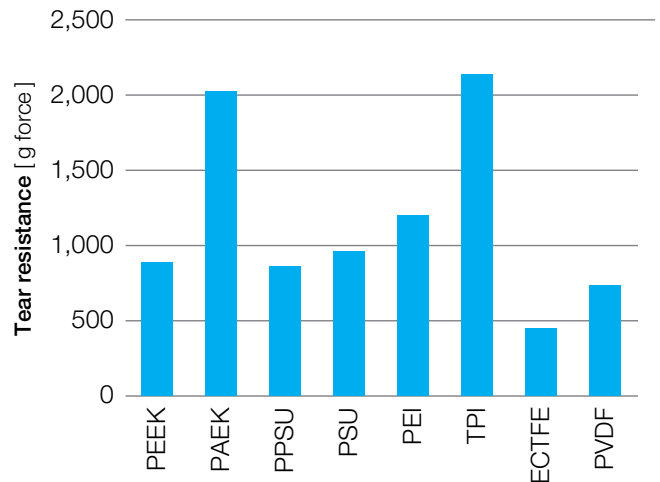
Key properties comparison

	KetaSpire® PEEK	AvaSpire® PAEK	PEKK	Radel® PPSU	PEI	TPI	Halar® ECTFE	Solef® PVDF
Mechanical properties	Very good	Very good	Very good	Very good	Good	Excellent	Very good	Good
Chemical resistance	Excellent	Excellent	Excellent	Good	Fair	Fair	Very good	Good
Tear resistance	Good	Excellent	Excellent	Good	Very good	Excellent	Fair	Fair
Flammability	Very good	Excellent	Excellent	Very good	Very good	Excellent	Excellent	Very good
Dielectric properties	Very good	Very good	Very good	Very good	Good	Good	Good	Excellent

Tensile modulus comparison



Tear resistance comparison



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