

Figure 12

Resistance to Chemicals

Material	Acids		Alkalis		Solvents				Water	
	Weak	Strong	Weak	Strong	Alcohol	Ester	Ether	Ketones	Cold	Hot
PEEK <small>TECAPEEK</small>	+	-	+	+	+	+	+	+	+	+
PPSU <small>TECASON P</small>	+	-	+		+			-	+	+
POM-C <small>TECAFORM</small>	+	-	+	-	+	o	o	o	+	+

+ Resistant
(Little or no change in weight)

o Partly resistant
(Short-term contact with medium possible)

- Not resistant
(Change in weight >5% severe deterioration of mechanical characteristics)

Note: Data is for room temperature, and depends on concentration, time and temperature

Source: ENSINGER GmbH/ Technical Marketing