

Figure 11

# Resistance to Sterilisation

Material	Sterilisation Process					
	Superheated Steam approx. 137°C	Plasma **	Hot Air approx. 180°C	Formaldehyde *	Ethylene Oxide *	Radiation
PEEK TECAPEEK	++	+	++	+	+	++
PPSU TECASON P	++	+	+	+	+	+
POM-C TECAFORM	0	+	-	+	+	-

++ Very suitable      + Suitable      o Partly suitable      - Not suitable

\* Gas sterilisation is increasingly being replaced by other processes because of its toxicity and occasional out-gassing

\*\* At present mostly in elaborate plants for high-volume users

Source: ENSINGER GmbH/ Technical Marketing