

## POLYMER SUITABILITY FOR DIFFERENT STERILISATION TECHNIQUES

Polymer	Sterilisation Method				
	Autoclave (134C)		Gas (Ethylene Oxide)	Radiation (Gamma)	Dry Heat (160C)
	Single	Repeat			
ABS	No	No	Yes	Maybe	No
Acetal	No	No	Yes	Maybe	No
EVA	No	No	Yes	Yes	No
High Density Polyethylene	Maybe	No	Maybe	Maybe	No
Low Density Polyethylene	No	No	Yes	Maybe	No
Nylon	Yes	Yes	Yes	Maybe	Yes
PBT	Maybe	Maybe	Yes	Yes	Yes
PET	Yes	Maybe	Yes	Yes	Yes
Polycarbonate	Maybe	No	Yes	Maybe	Maybe
Polypropylene	Yes	Maybe	Yes	Maybe	No
Polystyrene	No	No	Maybe	Yes	No
Polyurethane	No	No	Yes	Maybe	No
PVC	No	No	Yes	Maybe	No
SAN	No	No	Maybe	Maybe	No

Where a method is shown as 'Maybe', this could be suitable for some applications. Testing of the actual part should be carried out to ensure suitability.