

## Sterilisation of polymers

Short symbol	Use in micro wave	Sterilisation				
		Autoclave (121°C, 1bar, 20min.)	Gas (EO)	Dry (160°C)	chemical <sup>1)</sup> (Formaline, Ethanol, etc.)	Gamma- irradiation
ABS	Yes	no	Yes	No	Yes	Yes
CA	No	No	Yes	No	Yes	Yes
CN	No	No	Yes	No	Yes	Yes
Yes	Yes	Yes	Yes	Yes(150°C)	Yes	No
ETFE	Yes	Yes	Yes	Yes	Yes	No
FEP	Yes	Yes	Yes	Yes	Yes	no
GFK	Yes	No	Yes	No	Yes	No
MF	Yes	No	Yes	No	Yes	Yes
NR	Yes	No	Yes	No	Yes	No
PA	Yes	No	Yes	No	Yes	Yes
PC	Yes	Yes	Yes	No	Yes	No
PE-HD	Yes	No	Yes	No	Yes	Yes
PE-LD	Yes	No	Yes	No	Yes	Yes
PES	Yes	Yes	Yes	Yes	Yes	Yes
PET	Yes	No	Yes	No	Yes	Yes
PFA	Yes	Yes	Yes	Yes	Yes	No
PMMA	No	No	Yes	No	Yes	Yes
PMP (TPX)	Yes	Yes	Yes	Yes <sup>2)</sup>	Yes	No
POM	No	Yes <sup>2)</sup>	Yes	No	Yes	No
PP	Yes	Yes	Yes	No	Yes	No
PS	No	No	Yes	No	Yes	Yes
PSU	Yes	Yes	Yes	Yes	Yes	Yes
PTFE	Yes	Yes	Yes	Yes	Yes	No
PUR	No	No	Yes	No	Yes	Yes
PVC hart	Yes	No	Yes	No	Yes	no
PVC weich	Yes	No	Yes	No	Yes	no
PVDF	No	Yes	Yes	No	Yes	No
SAN	Yes	No	Yes	No	Yes	Yes

- 1) Check dosage indicated on packaging Using chemically aggressive substances for longer periods may lead to capillary cracks on the surface
- 2) Sterilisation reduces mechanical strength