

DESCRIPTION

Pouches and tubes Sterinel are made of two sides of Polyamide. Sterinel products are suitable for packaging medical devices.

APPLICATIONS

Sterinel products are suitable for sterilisation by dry heat. Indicators are printed on the product (color changes from green to brown with sterilisation).

TECHNICAL DESCRIPTION

| Main properties | Method | Results |
|---|-----------|---------------------------------------|
| Density/ <i>densité</i> | ISO 1183 | 1.14 g/cm ³ |
| Melting temperature/ <i>Température de fusion</i> | ISO 3146 | 260°C |
| Saturation in water/ <i>Augmentation du poids en présence d'eau</i> | ISO 62 | 9.00% |
| Water absorption/ <i>Augmentation du poids à température ambiante</i> | ISO 62 | 2.5 % |
| Resistance to heat/ <i>Résistance à la chaleur</i> | - | 180 ± 1 °C during 60 min |
| Tensile strength/ <i>Résistance à la traction</i> | DIN 53455 | 570 N/ mm ² |
| Elongation MD | DIN 53455 | 300% |
| Elongation CD | DIN 53455 | 254% |
| Elastic modulus/ <i>Module élastique</i> | DIN 53455 | 1.7 10 ⁴ N/mm ² |
| Sealing parameters | - | impulse sealing at 270°C |

FURTHER INFORMATION

The films have a combined total structure of less than 100ppm in weight of lead, cadmium, mercury and hexavalent chromium.

Sealing Seal width : 2 - 4mm

STORAGE CONDITIONS

Temperature 20-22°C

Humidity : 45-55%

Shelf life : 3 years