

Product Information

PlaSteril C⁷

Description

PlaSteril C⁷ is a semi-transparent film based on a Polyamide 6.

Properties, Application

PlaSteril C⁷ has a high tensile strength. A constant service temperature range of -50°C to +90°C with peaks to +170°C allows for a multitude of applications which are not possible with other thermoplastic films. Due to its water-vapour permeability PlaSteril C⁷ is specially usable for the packing of goods which have to become steam-sterilized.

Physiological Safety

PlaSteril C⁷ fulfills the requirements of the Health Organization of Germany, the US Food and Drug Administration and other countries for use of food packaging.

Standard Make-Up

PlaSteril C⁷ can be supplied in form of rolls and bags.

Roll length :	100 m - 500 m
Film thickness :	0,030 mm up to 0,100 mm
Film width :	18 mm up to 800 mm

Other dimensions, Make-Ups or colours on request.

Technical datas :

Density	1,13 g/cm ³	DIN 53479
Tensile strength	45-65 MPa	DIN 53455
Elongation at break	100 - 260 %	DIN 53455
Melting point	220 °C	DIN 53736, Method A
Water absorption in water (20 °C/Saturation)	9,0 - 10 %	
Water absorption in normal climate	2,5 - 3,5 %	
Vapour transmission rate (0,050 mm)	25-35 g/m ² d	DIN 53122

The measured values are guide lines and have been tested at 23 °C / 50 % rel. Humidity.