

Type: SF R19 G QS95

TD oriented PETG film. The formulation of our product is in compliance with Regulation (EU) No 10/2011. The film complies with the guideline 94/62 EC (“Packaging and Packaging waste”) and is suitable for direct contact with foodstuffs.

Characteristics

Medium shrink transparent PETG film for sleeves with approx. 30% recycled material (post-industrial). Excellent performance in steam and hot air applications, suitable for gravure, flexo and rotary offset printing

Surface finish **gls/gls
(2020)**

**Thickness range
(mm)** 0,040 -
0,050

Embossings

Roughness (Rz µm)

Colours

Standard: transparent clear, K026

| Properties | Value | Unit | Test method |
|--------------------------------------|-----------------------------------------------------------------|----------------------------|-----------------------------------------------------------------|
| Thickness tolerance | ± 10 | % | In accordance to DIN 53370 (95% of all measurements) |
| Density | 1,30 ± 0,02 | g/cm³ | DIN EN ISO 1183-1:2004 |
| Tensile strength | MD approx. 54 TD approx. 248 | N/mm² | DIN EN ISO 527-3/2/50 |
| Elongation at break | MD approx. 300 TD approx. 32 | % | DIN EN ISO 527-3/2/50 |
| Vicat softening point | 72 ± 2 | °C | DIN EN ISO 306 procedure VST/B50 as pressed sheet |
| TD shrinkage MD shrinkage | 90°C, 15 sec. in water 67 +/-3 90°C, 15 sec. in water 2 +/-3 | % | |
| Surface tension | gls/gls (2020) ≥ 38 both sides | mN/m (dynes/cm) | In accordance to DIN ISO 8296:2008-03 measured with inks (pens) |

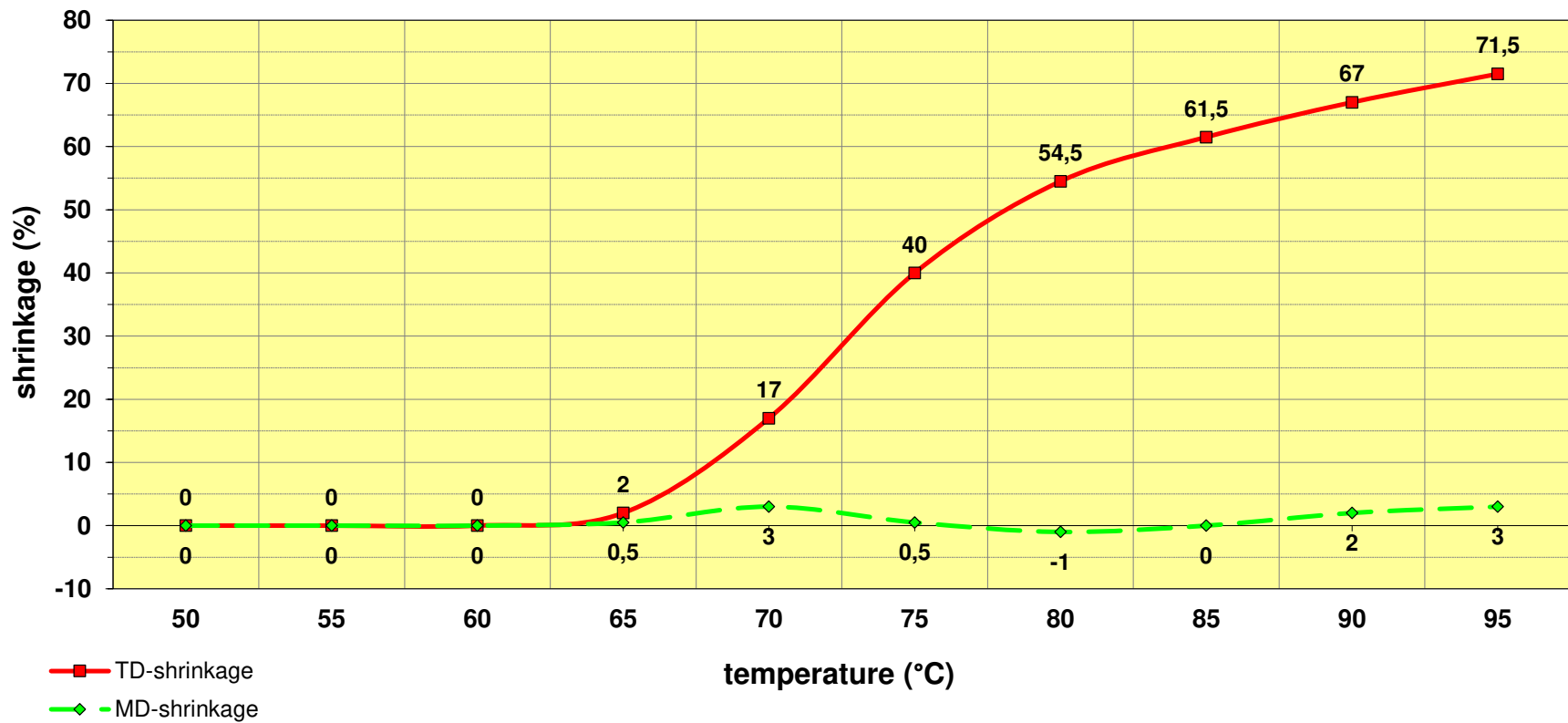
Processing advice:

To avoid static, the film should be processed at room temperature of 20 to 23° and a relative humidity between 50 – 60 %.

Storage conditions:

Shrink films are sensitive to high temperatures. We recommend storing in original packaging at room temperature below 30°C not directly exposed to sunlight and humidity. Layflat quality may deteriorate after long storage dependent on film type, roll length and storage conditions. Usage within a period of 6 months after the indicated production date is recommended. After transport and storage in cold temperature, acclimatisation of 1 hour per cm reel diameter is necessary.

Measured in water 15 sec.



All information is given in good faith and without warranty, please note, that shrink values are not absolute numbers. Larger fluctuations of the values can be experienced during the upturn of the curve i.e. between 70°C and 80°C.