






Technical data sheet

PET-G FILM TYPE 2XX FORMING FILMS

| Configuration  | |
|---|---|
| outside layers | PET-G virgin resin, anti-blocking agents |
| middle layers (type 200) | 100% PET-G virgin resin |
| middle layers (type 220) | < 20% recycled material |
| middle layers (type 240) | < 40% recycled material |
| middle layers (type 280) | < 80% recycled material |
| Dimension  | |
| nominal thickness value | 0.150 ... 1.000 mm |
| nominal size value | ≤ 1000 mm |
| Tolerance | see General Terms & Conditions |
| Physical properties  | |
| Color | colorless transparent |
| Density | 1.27 g/cm ³ |
| Vicat softening point | 71° C |
| Shrinkage | ≤ 10,0 % (10 min at 140°C, depending on film thickness) |
| Options on request  | |
| Color | specified color according reference |
| PE-protection film | one or both sides |
| UV-protection | UV light transmittance ($\lambda = 360 \text{ nm}$) ≤ 0,5 % |
| Flame-retardent | UL 94 V2 or DIN 4102 B2 classification (tested on film thickness 200 μm) |
| Field of application  | |
| Forming | all kinds (Tool temperature ≥ 30 °C, Forming ≥ 120 °C) |
| Sealing, Welding | High-Frequency, Ultrasonic (depending on medium) |

The product is in accordance with the regulations of:

- Commission Regulation EU 10/2011
- BfR Recommendation XVII and Consumer Goods Regulations, Civil Code, Part I, No. 23.94, pages 775 and following;
- FDA, Title 21 Part 177.1630 and supplementary regulation 21 CFR 177, 1315(b)(1)(USA).

All specified physical characteristics are indications. Deviations from the values given here are mostly due to technological reasons and not per se justifying the claim of the goods. All specified physical properties are only valid for a none-processed film. The assessment of the suitability of a film of FWG for the intended purpose is in customer's responsibility.

