



Technical Data Sheet

Rev.1. 18.10.18.

APET005 - rPET mono film (80% post consumer, 20% virgin) GENERAL THERMOFORMING GRADE

APET is the favored food packaging film worldwide with excellent clarity.
 APET is fully recyclable, easily formed & imparts excellent barrier properties in food packaging applications and has a small carbon footprint.

PHYSICAL PROPERTIES

Property	Unit	Nominal Value	Test Method
Specific gravity	g/cm ³	1.34	ASTM D 1503
Tensile strength *	kg/m ²	340	ASTM D 882
Izod impact strength * @23°C (73°F)	J/m ²	50	ASTM D 256
Heat distortion temp. @0.455mpa (66 psi)	°C	65-70	ASTM D 648
Vicat softening point (@ 5kg load)	°C	71 (+/-2)	ASTM D 1525
Thermoforming Temp.	°C	125-150	ASTM D 1003
Light transmission	%	≥90	ASTM D 1003
Surface tension	dyne/Cm	≥38	ASTM D 2578

GENERAL SPECIFICATIONS

- Maximum 80% post-consumer recycled content
- Surface silicone & internal antiblock/corona treatment on request
- Antifog & Antistatic coatings on request
- Gauges from 150micron to 1.4mm thickness
- Average max. roll width : 1,800mm
- No black specks ≥0.8m²
- Standard core diameter 76mm or 152mm

CERTIFICATIONS

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|---------------------------------------|------------------|
| - USFDA CFR 21 : SECTION 177.1630 | - ISO 9001/14001 |
| - BRC British Retail Consortium | - SGS REACH |
| - CONEG limits on heavy metal content | - SGS EU 94/62 |

All data is based on in-house testing and are believed to be typical values when measured under laboratory condition.
 Actual performance of the product described here in, and suitability for use is the responsibility of an end user.