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Technical Data Sheet

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APET 004 - rPET mono film

(50% post consumer, 50% 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/㎤	1.34	ASTM D 1503
Tensile strength	kgf/Cm^2	340	ASTM D 882
Izod impact strength @23℃ (73℉)	J/m^2	50	ASTM D 256
Heat distortion temp. @0.455mpa (66 psi)	℃	65-70	ASTM D 648
Vicat softening point (@ 5kg load)	℃	71 (+/-2)	ASTM D 1525
Thermoforming Temp.	℃	125-150	-
Light transmission	%	≥85	ASTM D 1003
Surface tension	dyne/Cm	≥38	ASTM D 2578

GENERAL SPECIFICATIONS

- Maximum 50% post-consumer recyled content
- Surface silicone & internal antiblock/corona treatment on request
- Antifog & Antistatic coatings on request
- Gauges from 150micron to 1.4mm thickness
- Maximum roll width : 1,800mm
- Standard core diameter 76mm or 152mm

CERTIFICATIONS

- USFDA CFR 21 : SECTION 177.1630
- EU 10.2011. Migration
- CONEG limits on heavy metal content
- ISO 9001/14001
- SGS REACH
- 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.