Technical Data Sheet	Rev.1. 18.10.18.

APET007 - rPET/PE Laminate (weld sealed)
(80% pcs, 20% virgin rPET mono film laminated with 50my food grade PE)
FOOD 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.   PE film is FDA
grade suitable for both food contact & sealing layer for lidding.

PHYSICAL PROPERTIES

Property	Unit	Nominal Value	Test Method
Specfic gravity (APET)	g/cm^2	1.34	ASTM D 1503
Specfic gravity (PE)	g/cm^2	0.95	ASTM D 1503
Tensile strength	kg/m^2	325	ASTM D 882
Izod impact strength * @23℃ (73℉)	J/m^2	45	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	ASTM D 1003
Light transmission	%	≥90	ASTM D 1003
Surface tension	dyne/Cm	≥38	ASTM D 2578
Peel Strengh	Unpeelable	Weld sealed	Inhouse INSTRON

GENERAL SPECIFICATIONS

- Maximum 80% post-consumer recyled 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 ≥0.8m^2
- Standard core diameter 76mm or 152mm

CERTIFICATIONS

- 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.