

## APET 018 - APET MWS

### Micro Wave Stable

### FOOD GRADE

APET MWS is a higher-temperature resistant film used widely in convenience foods that are "ready to eat" after warming up in a microwave oven

APET MWS exhibits very high clarity, is easily formed & imparts excellent barrier properties in food packaging applications, is recyclable and has a small carbon footprint.

#### PHYSICAL PROPERTIES

Property	Unit	Nominal Value	Test Method
Specific gravity	g/cm <sup>3</sup>	1.28	ASTM D 1503
Tensile strength	kgf/Cm <sup>2</sup>	340	ASTM D 882
Izod impact strength @23°C ( 73°F )	J/m <sup>2</sup>	50	ASTM D 256
Heat distortion temp. @0.455mpa ( 66 psi )	°C	109	ASTM D 648
Vicat softening point (@ 5kg load)	°C	109 (+/-2)	ASTM D 1525
Thermoforming Temp.	°C	140 - 170	-
Light transmission	%	≥90	ASTM D 1003
Surface tension	dyne/Cm	≥38	ASTM D 2578

#### GENERAL SPECIFICATIONS

- Clear & colors available on request
- 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 over 0.3mm/m<sup>2</sup>
- Standard core diameter 76mm or 152mm