

Technical Data Sheet

Rev.1. 21.03.03.

APET 024 - APET AF

ANTI FOG

"MEDISHIELD" OPTICAL-GRADE FACE-PROTECTION FILMS

APET is a high clarity film with excellent optical qualities
 APET is fully recyclable and easily formed or shaped

PHYSICAL PROPERTIES

Property	Unit	Nominal Value	Test Method
Specific gravity	g/cm ³	1.34	ASTM D 1503
Tensile strength	kgf/Cm 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	-
Light transmission	%	≥90	ASTM D 1003

GENERAL SPECIFICATIONS

EXCELLENT ANTI-FOGGING PROPERTIES WHEN EXHALING WHILE WEARING FACE PROTECTION
 STANDARD THICKNESS : 200 micron
 Gauges from 200micron to 800 micron
 Maximum roll width 1500mm
 Standard core diameter 76mm and 152mm
 Film is delivered with PE protective film both sides

CERTIFICATIONS

- | | |
|---------------------------------------|------------------|
| - USFDA CFR 21 : SECTION 177.1630 | - ISO 9001/14001 |
| - EU 10.2011. Migration | - 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.