



Technical Data Sheet

Rev.3. 19.08.03.

PETG 019 100% Virgin resin FOOD GRADE

PETG is widely used in medical packaging as well as in application where sterilization and/or RF welding is a functional requirement
PETG is fully recyclable, easily formed and is often used in GAG structures with APET cores.

PHYSICAL PROPERTIES

Property	Unit	Nominal Value	Test Method
Specific gravity	g/cm ²	1.27	ASTM D 792
Tensile strength (yield)	kgf/m ²	455	ASTM D 638
Izod impact strength * @23°C (73°F)	J/m ²	105	ASTM D 256
Heat distortion temp. @0.455mpa (66 psi)	°C	70	ASTM D 648
Vicat softening point (@ 5kg load)	°C	83	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

- 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 ≥0.8mm²
- Standard core diameter 76mm or 152mm

CERTIFICATIONS

- USFDA CFR 21 : SECTION 177.1630
- BRC British Retail Consortium
- 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.

