

<b>Technical Data Sheet</b>	Rev.1. 21.03.03.
<b>PETG 019</b> <b>100% Virgin resin</b> <b>FOOD &amp; MEDICAL GRADE</b>	
<p>PETG is widely used in medical packaging as well as in application where sterilization and/or RF welding is a functional requirement</p> <p>PETG is fully recycable, easily formed and is often used in GAG structures with APET cores.</p>	

<b>PHYSICAL PROPERTIES</b>			
Property	Unit	Nominal Value	Test Method
Specific gravity	g/cm <sup>3</sup>	1.27	ASTM D 792
Tensile strength (yield)	kgf/m <sup>2</sup>	455	ASTM D 638
Izod impact strength @23°C ( 73°F )	J/m <sup>2</sup>	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	-
Light transmission	%	≥90	ASTM D 1003
Surface tension	dyne/Cm	≥38	ASTM D 2578

<b>GENERAL SPECIFICATIONS</b>
<ul style="list-style-type: none"> <li>- Clear &amp; colors available on request</li> <li>- Surface silicone &amp; internal antiblock/corona treatment on request</li> <li>- Antifog &amp; Antistatic coatings on request</li> <li>- Gauges from 150micron to 1.4mm thickness</li> <li>- Maximum roll width : 1,800mm</li> <li>- Standard core diameter 76mm or 152mm</li> </ul>

<b>CERTIFICATIONS</b>
<ul style="list-style-type: none"> <li style="width: 50%;">- USFDA CFR 21 : SECTION 177.1630</li> <li style="width: 50%;">- ISO 9001/14001</li> <li style="width: 50%;">- EU 10.2011. Migration</li> <li style="width: 50%;">- SGS REACH</li> <li style="width: 50%;">- CONEG limits on heavy metal content</li> <li style="width: 50%;">- SGS EU 94/62</li> </ul>

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.