

## PET – Technical Data Sheet

<b>PRODUCT NAME</b>	<b>APET</b>
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MATERIAL PROPERTIES	NOMINAL VALUE	TOLERANCE	TEST METHOD
Thickness	<b>200 - 1200</b> µm	± 5 %	DIN 53370 ASTM D374
Layers	<i>Level</i>	<i>Composition</i>	<i>Thickness</i>
	1	A (Virgin)	%100
	2		
	3		
Density ( g/cm <sup>3</sup> )	1,33	± 0,04	DIN 53479 ISO 1183
Grammage ( g/m <sup>2</sup> )	-	± 5 %	DIN EN ISO 2286
Color	Transparent or color		
Gloss @ 60°	Max 120		DIN 67530 ISO 2813 ASTMD-2457
Haze	Max 10 %		ASTM D-1003
Clarity	Min 70 %		ASTM D-1044
Black Points (m <sup>2</sup> /0,4 mm)	Max 10		
Acetaldehyde (ppm)	≤ 3,5		ASTM F2013

DIMENSION	
Roll Length m	To order
Roll Width mm	To order
Core Diameter mm	76, 152 or 203

APPLICATION PROPERTIES	
Forming Temperature °C	100 - 120
Sealing Temperature °C	130 - 160
Application Temperature °C	Room temperature or below

PHYSICAL PROPERTIES		
Modulus kgf/cm <sup>2</sup>	12000 – 19000	ASTM D882
Elongation at Break %	10 – 60	ASTM D882
Tensile Strength kgf/cm <sup>2</sup>	200 – 700	ASTM D882
Seal Strength N/15 mm	-	-

PERMEABILITY		
O <sub>2</sub> at 23 °C, 0% R.H. ml/m <sup>2</sup> ,24h, atm	9,0	ASTM D3985
CO <sub>2</sub> at 23 °C, 0% R.H. cm <sup>3</sup> /m <sup>2</sup> ,24h, bar	22,9	ASTM D1434
MVTR at 38°C , 0% R.H. g/24h,m <sup>2</sup>	8,7	ASTM E96

<b>CONDITIONS OF USE</b>	Base Web, semi rigid for MAP applications – sealant position inside
<b>STORAGE CONDITIONS</b>	Recommended conditions for long-term storage: Min 16° to max 25°C, max RH 70%, for up to one year
<b>FOOD LAW APPROVAL</b>	Complies with EU regulations on food contact materials. See “ Declaration of Compliance for details.
<b>QUALITY</b>	LRQA manufacturing in Turkiye has received or are applying for ISO 9001:2008 Quality Certification and ISO 22000:2005 Food Safety Management System

