

## PET – Technical Data Sheet

PRODUCT NAME		PET /EVOH / PE		
MATERIAL PROPERTIES	NOMINAL VALUE		TOLERANCE	TEST METHOD
Thickness	<b>300 - 1200 <math>\mu</math>m</b>		$\pm$ 5 %	DIN 53370 ASTM D374
Layers	<i>Level</i>	<i>Composition</i>	<i>Thickness</i>	
	1	PET	-	
	2	PE/EVOH/PE	Min.50 $\mu$	
Width	<b>250 – 1000 mm</b>		$\pm$ 1	
Density ( g/cm <sup>3</sup> )	1,290		$\pm$ 0,04	DIN 53479 ISO 1183
Grammage ( g/m <sup>2</sup> )	-		$\pm$ 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)	$\leq$ 3,5			ASTM F2013
DIMENSION				
Roll Length	m	To order		
Roll Width	mm	250 – 1000		
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	4	1,8 (Peel)	
PERMEABILITY				
O <sub>2</sub> at 23 °C, 0% R.H.	ml/m <sup>2</sup> ,24h, bar	0,9	ASTM D3985	
CO <sub>2</sub> at 23 °C, 0% R.H.	cm <sup>3</sup> /m <sup>2</sup> ,24h, bar	4	ASTM D1434	
MVTR at 38°C , 0% R.H.	g/24h,m <sup>2</sup>	3	ASTM F1249	
CONDITIONS OF USE		Base Web, semi rigid for MAP applications – sealant position inside		
STORAGE CONDITIONS		Recommended conditions for long-term storage: Min 16° to max 25°C, max RH 70%, for up to one year		
FOOD LAW APPROVAL		Complies with EU regulations on food contact materials. See “ Declaration of Compliance for details.		
QUALITY		LRQA manufacturing in Turkiye has received or are applying for ISO 9001:2008 Quality Certification and ISO 22000:2005 Food Safety Management System		