

## TECHNICAL DATA SHEET


Grade : LYKA-GEG PET (PGT 902)  
 Composition : A/B/A Structure, 100% Virgin.  
 Surface : Gloss / Gloss  
 Max Roll O.D. : 500mm Max. (Slit Roll)  
 1200mm Max. (Jumbo Roll)  
 Core I.D. : 76mm

Appearance : Transparent

Sr. No.	Test Parameters	Test Method	UOM	Standard Values with tolerance
1	Thickness	ASTM - D 6988	Micron	0.200 to 1.200 ( $\pm 5\%$ )
2	Roll width	ISO 4592	mm	Slit rolls ( $\pm 1$ )
				Jumbo rolls ( $\pm 2$ )
3	Gloss - @ 20°C	ASTM - D 2457	(%)	120 to 200
4	Shrinkage @ 80°C for 15min (in MD, TD)	DIN 53377	(%)	
	For thickness $\leq 300 \mu\text{m}$			-5.0 to +2.0
	For thickness $> 300 \mu\text{m}$			-3.0 to +1.0
5	Density	ASTM - D 792	g/cm <sup>3</sup>	1.33( $\pm 0.02$ )
6	Pendulum Impact Strength	ISO 8256	KJ/m <sup>2</sup>	$\geq 300$
7	Dart Impact Failure wt. (Method B) (For thickness = 300 $\mu\text{m}$ )	ASTM - D 1709	gm	$\geq 350$
8	Tensile strength at Peak (Jaw separation speed @ 20mm/Min.)	ASTM - D 882	kg/cm <sup>2</sup>	$\geq 400$
9	Tensile strength at Break (Jaw separation speed @ 20mm/Min.)	ASTM - D 882	kg/cm <sup>2</sup>	$\geq 370$
10	Percentage Elongation at Peak	ASTM - D 882	%	$\geq 2.5$
11	Percentage Elongation at Break	ASTM - D 882	%	$\geq 3.0$
12	VSP	ASTM - D 1525	°C	71( $\pm 2$ )
13	Surface Tension	ASTM - D 2578	dyne/cm	N.A
14	Haze value	ASTM - D 4039	%	3 Max.
15	Thermoforming temperature (depends on thickness of film)	—	°C	120 - 160
16	COF (Film to Metal) in M.D- S.F	ASTM - D 1894	—	$\leq 0.50$
17	COF (Film to Metal) in M.D- D.F	ASTM - D 1894	—	$\leq 0.50$
18	COF (Film to Film) in M.D- S.F	ASTM - D 1894	—	$\leq 0.50$
19	COF (Film to Film) in M.D- D.F	ASTM - D 1894	—	$\leq 0.50$
20	Colour / Tone	Visual (Cust ref. Sample)	—	As per customer requirements

\* The above information is based on our current technical knowledge. They neither guarantee specific characteristics of the products or their suitability for a particular application.

### LYKA GLOBAL PLAST LLP

 Near Resonance Paper Mill, Survey No. 194 P1, Lajai - Hadmatiya Road,  
 At. Hadmatiya, Tal. Tankara, Morbi - 363 650, Gujarat, INDIA

 +91 97273 12341 / 42 / 43 |  info@lykagpl.com |  www.lykagpl.com