



# STARCO METAPLAST PVT LTD

Product : Clear Polyethylene Terephthalate (APET) Sheet

Composition : A/B/A Structure, 100% Virgin.

Surface : Gloss/Gloss

Max Roll OD : 500mm (Slit Roll)

350mm (Jumbo Roll)

## TECHNICAL DATA SHEET

Sr.No.	Test Parameters	Test Method	UOM	Standard Values with tolerance
1	Thickness	ASTM --- D 6988	Micron	180 to 1200 (±5%)
2	Roll width	ISO 4592	mm	Slit rolls (±1)
				Jumbo rolls (±2)
3	Gloss --- @ 20 degree	ASTM --- D 2457	( % )	≥ 150
4	Shrinkage @ 80°C for 15min (in MD, TD)	DIN 53377	(%)	
	For thickness ≤ 300 μ			≤ 5
	For thickness > 300 μ			≤ 3
5	Density	ASTM---D 792	g/cm <sup>3</sup>	1.33 (± 0.02)
6	Pendulum Impact Strength	ISO 8256	KJ/M <sup>2</sup>	≥ 450
7	Tensile strength at Peak (Jaw separation speed @ 20mm/Min)	ASTM -- D 882	Kg/cm <sup>2</sup>	≥ 440
8	Vicat Softening Point (@ 5 kg load)	ASTM -D 1525	° C	71 (±2 )
9	Surface Tension	ASTM---D 2578	dyne/cm	≥ 38
10	Light Transmission	ASTM---D1003	%	>92
11	Thermoforming temperature (of film)	-----	° C	120 --- 160
12	Denest / Slip treatment	-----	-----	(1) Surface Silicone coated. (2) Internal Anti-block structure (As per customer requirement)
13	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.