

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)

Sr.No.	Test Parameters	Test Method	UOM	Standard Values with tolerance
1	Thickness	ASTM - D 6988	Micron	200 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 ³	1.33 (± 0.02)
6	Pendulum Impact Strength	ISO 8256	KJ/M ²	≥ 450
7	Tensile strength at Peak (Jaw separation speed @ 20mm/Min)	ASTM - D 882	Kg/cm ²	≥ 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

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