TECHNICAL DATA SHEET

Product	:	Clear Recycled Polyethylene Terephthalate (RPET) Sheet
Composition	:	A/B/A Structure, 80:20
Surface	:	Gloss / Gloss
Max Roll O.D.	:	500mm max. (Slit Roll ≤550mm width) 350mm max. (Jumbo Roll ≥1100mm)
Core I.D.	:	76.2mm

Sr. No.	Test Parameters	Test Method	UOM	Standard Values with tolerance
1	Thickness	ASTM - D 6988	Micron	0.200 to 1.200 (±5%)
2	Roll width	ISO 4592	mm	Slit rolls (±1)
				Jumbo rolls (±2)
3	Gloss - @ 20°C	ASTM - D 2457	(%)	≥140
4	Shrinkage @ 80°C for 15min (in MD, TD)	DIN 53377	(%)	
	For thickness ≤ 300 µm			≤5
	For thickness > 300 µm			≤3
5	Density	ASTM - D 792	g/cm³	1.33(±0.02)
6	Pendulum Impact Strength	ISO 8256	KJ/m²	≥300
7	Tensilestrength at Peak (Jaw separation speed @ 20mm/Min)	ASTM - D 882	kg/cm²	≥550
8	Vicat Softering Point (@ 5kg load)	ASTM - D 1525	°C	71(±2)
9	Surface Tension	ASTM - D 2578	dyne/cm	≥38
10	Light Transmission	ASTM - D 1003	%	>89
11	Thermoforming temperature (of film)	—	°C	120-160
12	Denest / Antiblock	—	—	(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.

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