



AVI GLOBAL PLAST

TECHNICAL DATA SHEET (SPECIFICATION)

Product	Clear Recycled Polyethylene Terephthalate (RPET) Sheet
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Composition	A/B/A Structure , 80:20	Surface : Gloss / Gloss
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Roll outer diameter (mm)	500 mm max. (Slit roll \leq 550mm width) 350 mm max. (Jumbo roll \geq 1100mm)	Core I.D (mm): 76.2
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SR.NO.	Test Parameters	Test Method	UOM	Standard Values with tolerance
1	Thickness	ASTM - D 6988	Micron	0.200 to 1.200 (+/-5%)
2	Width - rolls	ISO 4592	mm	Slit rolls--(+/-1)
				Jumbo rolls--(+/- 2)
3	Gloss - @ 20 degree	ASTM - D 2457	(%)	\geq 140
4	Shrinkage @ 80 deg C for 15min (in MD, TD)	DIN 53377	(%)	\leq 5
	For thickness \leq 300 μ m			\leq 3
	For thickness $>$ 300 μ m			
5	Density	ASTM-D 792	g/cc	1.33 +/-0.02
6	Pendulum Impact Strength	ISO 8256	KJ/M2	\geq 300
7	Tensile strength at Peak (Jaw separation speed @ 20mm/Min)	ASTM - D 882	Kg/cm2	\geq 550
8	Vicat Softening Point (@ 5 kg load)	ASTM -D 1525	$^{\circ}$ C	71+/-2
9	Surface Tension	ASTM-D 2578	dyne/cm	\geq 38
10	Light Transmission	ASTM-D1003	%	$>$ 89
11	Thermoforming temperature (of film)	---	$^{\circ}$ C	120 - 160
12	Denest / Antiblock	---	---	(1) Surface Silicone coated. (2) Tnternal 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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