



AVI GLOBAL PLAST

TECHNICAL DATA SHEET (SPECIFICATION)

Grade Name : AVI-GAG PET

Grade Category : PTG 902

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

Roll outer diameter (mm) : 500 max. (Slit roll)
: 1200 max. (Jumbo roll)

Appearance : Transparent

Surface : Gloss / Gloss

Core I.D (mm): 76

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	(%)	120 to 200
4	Shrinkage @ 80 deg C for 15min (in MD, TD)	DIN 53377	(%)	-5.0 to +2.0
	For thickness ≤ 300 µm			-3.0 to +1.0
	For thickness > 300 µm			
5	Density	ASTM-D 792	gm / cm ³	1.33 ± 0.02
6	Pendulum Impact Strength	ISO 8256	KJ/M ²	≥ 300
7	Dart Impact Failure wt. (Method B) (For thickness = 300 µm)	ASTM-D 1709	gm	≥ 350
8	Tensile strength at Peak (Jaw separation speed @ 20mm/Min)	ASTM - D 882	Kg/cm ²	≥ 400
9	Tensile strength at Break (Jaw separation speed @ 20mm/Min)	ASTM - D 882	Kg/cm ²	≥ 370
10	Percentage Elongation at Peak	ASTM - D 882	%	≥ 2.5
11	Percentage Elongation at Break	ASTM - D 882	%	≥ 3.0
12	VSP	ASTM -D 1525	° C	70 ± 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	---	≤ 0.50
17	COF (Film to Metal) in M.D- D.F	ASTM - D 1894	---	≤ 0.50
18	COF (Film to Film) in M.D- S.F	ASTM - D 1894	---	≤ 0.50
19	COF (Film to Film) in M.D- D.F	ASTM - D 1894	---	≤ 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.

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