

Grade : AVIFORM - General Thermoforming Applications
Colors : Clear Transparent & all Translucent & Opaque Colors
Surface: Glossy/Glossy
Thickness: 100 to 900 μ (0.10 to 0.90mm)

			TH901	TH902	TH903	TH909
Test Parameters	Test Method	UOM	Standard Values			
Thickness	ASTM - D 6988	Micron	100-150 -- +/- 10% 151-200 -- +/- 7% 201-900 -- +/- 5%			
Width - rolls	ISO 4592	mm	Slit rolls -- +/- 1mm			
Size - Sheets			Jumbo rolls -- +/- 2mm Length & width -- +/-2mm Diagonal difference -- +/-2mm			
Shrinkage @140 deg C for 10min	ISO 11501	(%)				
MD			-3.0 to -6.0	-3.0 to -6.0	-3.0 to -6.0	-3.0 to -6.0
TD			-2.0 to + 2.0	-2.0 to +2.0	-2.0 to +2.0	-2.0 to +2.0
Gloss @ 20 degree	ASTM - D 2457	(%)	> 100	> 100	> 100	> 100
Pendulum Impact Strength	ISO 8256	KJ/M2	> 400	> 450	> 550	> 650
Tensile strength at Peak Jaw separation speed @ 20mm/Min	ASTM - D 882	Kg/cm2	≥ 480	≥ 470	≥ 410	≥ 390
VSP	ASTM -D 1525	Deg C	72+/-2	72+/-2	73+/-2	73+/-2
Density @ 25 deg C	AGPL/QA/IM/04	gm/cm3	1.36+/-0.02	1.35+/-0.02	1.34+/-0.02	1.33+/-0.02
Crease whitening	AGPL/QA/IM/05	----	Non crease whitening in one direction			
WVTR @ 38 deg C & 90% RH	ASTM - F1249	g/m2/day	< 6.00 for 170 μ < 3.00 for 250 μ			
OTR @ 23 deg C & 0% RH	ASTM - D 3985	cc/m2/day	< 24.00 for 170 μ < 12.00 for 250 μ			
Cold Crack Temperature		Deg C	----	(- 10)	(- 20)	(- 40)

Note: 1. For FFS & Deep Draw, we suggest TH912/ 913/ 919
 2. For higher control of wall thickness with deep draw , we suggest TH922/ 923/ 929

** 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.*