

Grade : AVIFOOD - Food Grade Thermoforming Films  
 Colors : Clear Transparent & all Translucent & Opaque Colors  
 Surface: Glossy/Glossy  
 Thickness: 100 to 900  $\mu$  (0.10 to 0.90mm)

			TF921	TF922	TF923	TF929
Test Parameters	Test Method	UOM	Standard Values			
Thickness	ASTM - D 6988	Micron	100-150 -- +/- 10% 151-200 -- +/- 7% 201-900 -- +/- 5%			
Width	ISO 4592	mm	Slit rolls -- +/- 1mm Jumbo rolls -- +/- 2mm			
Shrinkage @140 deg C for 10min MD TD	ISO 11501	(%)	-3.0 to -6.0 -2.0 to + 2.0	-3.0 to -6.0 -2.0 to +2.0	-3.0 to -6.0 -2.0 to +2.0	-3.0 to -6.0 -2.0 to +2.0
Gloss @ 20 degree	ASTM - D 2457	( % )	$\geq 100$	$> 100$	$\geq 100$	$\geq 100$
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	$\geq 480$	$\geq 460$	$\geq 400$	$\geq 380$
VSP	ASTM -D 1525	Deg C	72+/-2	73+/-2	73+/-2	74+/-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 $\mu$ < 3.00 for 250 $\mu$			
OTR @ 23 deg C & 0% RH	ASTM - D 3985	cc/m2/day	< 24.00 for 170 $\mu$ < 12.00 for 250 $\mu$			
Global Migration	2002/72/EC	mg/dm2	<10			
Conformance to REACH Regulation	1907/20069/CE	----	Compliance			
Conformance to RoHS Cd, Hg, Pb, Cr(VI) PBB, PBDE	2002/95/EC	ppm ppm	< 8 ppm each Not present			
Conformance to 2002/72/EC	2002/72/EC	----	Compliance			

Note: This grade is also suitable for deep draw applications

\* 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.