

Brilliant ideas,
innovative solutions!



Polinas

www.polinas.com

Oxo - Biodegradable

Polypropylene based
biodegradable films are the
environmental choice for;

- Flower wrapping
- Bakery products
- Flexible packaging
- Paper & board laminations
- Labels

Oxo-biodegradable films degrade to water, CO₂ and biomass.

For further information; www.polinas.com Email: info.marketing@polinas.com.tr



Polinas

Factory & Headquarters

Polinas Plastik Sanayi ve Ticareti A.Ş.
O.S.B. 45030 MANISA/TURKEY
Tel: +90 236 226 22 00
Faks: +90 236 233 25 25
Email: info.marketing@polinas.com.tr

Polinas Sales and Marketing Offices

Bulgurlu Mahallesi Kısıklı Alemdağ Caddesi
Masaldan İş Merkezi No:46 B Blok D:4
Üsküdar - İSTANBUL/TÜRKİYE
Tel: +90 216 443 01 00 (PBX)
Fax: +90 216 443 21 00
Email: info.marketing@polinas.com.tr

Polinas Plastic of America, Inc. (USA)

2115 Linwood Avenue Suite 310 Fort Lee
NJ 07024 U.S.A
Tel: (+1 201) 302 95 00
(800) 954 - BOPP
Fax: (+1 201) 461 76 69
Email: info@polinas-usa.com

www.polinas.com



TS-EN-ISO 9001: 2000
CERTIFICATE NO:
KY-019-03/KG-93



TS-EN-ISO 14001:2004
CERTIFICATE NO:
ÇY-209/96



TSE İSG-OHSAS 18001
CERTIFICATE NO:
OY-633/11





Polinas, the first and the largest PP film producer in Turkey, founded in 1985, is one of the world's leading manufacturers of PP films. Production facilities include: 6 BOPP lines, 2 CPP/MOPP lines, 5 metallizers, 1 coating machine, 1 sheeting & stacking line, 1 hologram unit and 2 tear tape spooling machines. Polinas is the largest PP film producer with annual capacity of 100.000 tons at one site in Europe.

Polinas **BOPP Films** encompass 5 registered brands: Polinex, Pilen, Poliper, Polilabel and Polimet. **CPP films** produced are: Policast, Polibar, Polimopp. **Coated films** and **tear tapes** are produced under the registered brands of Polikap and Polistrip, respectively. Product portfolio expanded with the addition of **holographic films** after establishment of a holographic production unit in early 2005.

In 1993 Polinas achieved ISO 9001 quality certification. Just the 19th company in Turkey to achieve this quality certification, Polinas has maintained its ISO 9001 standard through renewal every 3 years. Polinas has achieved ISO 14001, EMS certification and through these management practices is reducing its energy consumption, while recycling or eliminating its solid, gas or liquid wastes focusing on continuous sustainability improvement. Polinas was also certified according to OHSAS 18001 Occupational Health & Safety Management System at the end of 2010. Polinas places a high importance on product safety and initiated a hygiene safety program in 1997, which controls the production process from raw material sourcing to shipment of finished goods. Polinas has been inspected by AIB (since 1999) and BRC (since 2008), and achieved in each audit excellent results with focus on continuous improvement to meet our customers' needs.

Polinas is committed to fulfill the codes and principles of Responsible Care in order to protect health and safety of humans and the environment in all its processes and operations.

Polinas exports more than one third of its total production to 65 different countries all over the world, mainly in Europe, USA, CIS and offers customers "Brilliant Ideas and Innovative Solutions"

POLINEX®**Coextruded Films**

Film Type	Sealability	Density g/cm ³	Sealing Initiation Temp. BB °C	Treatment	Description
114H	✓	0,91	115	One	Transparent film for general packaging applications
114WH	✓	0,91	95	One	Transparent, one side LTS with very good hot-tack
114VWH	✓	0,91	75	One	Transparent, one side low LTS
114H2	✓	0,91	115	One	Low COF, hot slip film for high speed packaging machines
116H	✓	0,91	115	One	Shrink film for overwrapping
117H	✓	0,91	105	One	Transparent, stable COF and hot slip film
114HB	✓	0,98	115	One	Solid white film for general packaging applications
119WB	✓	0,98	95	One	Solid white, one side LTS film
114HC	✓	0,91	115	One	Super clear, low haze film for textile packaging
115HD	✓	0,91	120	One	One side matte, heat sealable film
124HF	✓	0,91	120	Two	Both side antifog film
AB1F1	✓	0,91	120	One	Antifog - antibacterial film
305	✓	0,91	115	N/A	Cigarette wrapping film for single pack and multi-packs
306	✓	0,91	115	N/A	Super slip, cigarette tight overwrapping film

PILEN®**Plain Films**

Film Type	Sealability	Density g/cm ³	Treatment	Description
203	X	0,91	N/A	Transparent film for photo albums
213E	X	0,91	One	Low haze and stable COF, transparent film for lamination
213FL	X	0,91	One	Transparent film for flower and gift wrapping
213M	X	0,91	One	Transparent, tape base film
213MB	X	0,98	One	Solid white, tape base film
214MT	X	0,91	One	Transparent, twistable BOPP film
223MB	X	1,00	Two	Solid white film for cold seal applications
215DCS	X	0,91	One	Matte film for cold seal application
223HL5	X	0,91	Two	Slip & antistatic modified film for printing and lamination
225MD	X	0,91	Two	Matte film for paper and board lamination

POLIPER®**Pearlized Films**

Film Type	Sealability	Density g/cm ³	Sealing Initiation Temp. BB °C	Treatment	Description
414	✓	0,65	115	One	Cavitated pearlized film for general packaging applications
424	X	0,65	-	Two	Cavitated pearlized film for cold seal applications
415HB	✓	0,70	115	One	Cavitated high gloss white-pearlized film
415WH	✓	0,72	95	One	Cavitated white-pearlized, one side LTS film: S.I.T 95
415VWH	✓	0,72	75	One	Cavitated white-pearlized, one side LTS film: S.I.T 75
ICEPAK	✓	0,65	105	One	Low density cavitated film for ice-cream packaging
PMRG	✓	0,70	120	Two	Pearlized film for margarine packaging

POLISTRIP®**Tear Tapes**

MOPP based, self-adhesive easy opening tear tapes in standard colors or with special designs

Available Colors Transparent, red, gold and silver. It can also be customized upon request

Available Patterns Solid, lined and dotted. Your logo can also be printed for security purpose

POLIMAGIC®**Holographic Films**

BOPP, PET, PVC based holographic films ALU metallized, transparent, standard or custom-made designs, coated or noncoated versions for printing.

Polinas Product Table

POLILABEL®				Label Films
Film Type	Sealability	Density g/cm ³	Treatment	Description
WAL-Roll-Fed & Cut-Stack BOPP Films				
213A	X	0,91	One	Transparent, roll-fed bottle label film
223TC	X	0,91	Two	Transparent film for pre-cut labels (cut&stack)
223HL5	X	0,91	Two	Transparent film for laminated structures
423HL	√	0,55	Two	White-pearlized
423B	X	0,70	Two	White-pearlized, roll-fed bottle label film
423BY	X	0,62	Two	High yield white-pearlized roll fed bottle label film
422MB	X	0,64	Two	High yield white-pearlized film for laminated structures
7426PM	X	0,68	Two	Pearlized/metallized, roll-fed bottle label film
7525L	X	0,91	Two	Metallized, roll-fed bottle label film
P0716	X	0,66	Coated Side	Coated, metallized-pearlized film for cut & stack label applications
IML - BOPP & Cast Films for PP&PE Injections Moulding				
123HL	√	0,91	Two	Transparent IML film
623HL	√	0,91	Two	Solid-white IML film
423HL	√	0,55	Two	White-pearlized IML film
427HL	√	0,75	Two	High density, pearlized IML film for big containers
C12M	√	0,91	Two	Transparent, cast (CPP) IML film
C12ML	√	0,91	Two	Solid white, cast (CPP) IML film
P0716	√	0,66	Coated Side	Coated, metallized-pearlized film for IML applications with vacuum positioning
IML Films are also suitable for cut & stack labelling				
PSL-BOPP & Cast & Coated Face Stock Films For Self Adhesive Labels				
525TS	X	0,91	Two	Transparent face stock film
525WSY	X	0,91	Two	Solid white face stock film
423PS	X	0,68	Two	White-pearlized face stock film
7525TS	X	0,91	Two	Metallized film
AA49	X	0,69	Coated Side	Both side coated, white-pearlized
AA55	X	0,92	Coated Side	Both side coated, transparent
AA78	X	0,92	Coated Side	Both side coated, metallized
S050	X	0,91	Coated Side	Silicone coated liner film
C12	X	0,91	Two	Transparent CPP film
C12D	X	0,91	Two	Matte, CPP film
C12B	X	0,92	Two	Solid white, cast PP
BOPP Digital Printing Films				
D055	X	0,91	Coated Side	Transparent
D049	X	0,68	Coated Side	White / pearlized
D078	X	0,91	Coated Side	Metallized

√ : Heat sealable X : Non-heat sealable

POLIMET®							Metallized Films
Film Type	Sealability	Density g/cm ³	Sealing Initiation Temp. BB °C	OTR cc/m ² /day	WVTR g/m ² /day	Treatment	Description
7514	√	0,91	115	< 150	< 1	One	Heat sealable metallized film
7514E	√	0,91	115	< 60	< 0, 3	One	High barrier metallized film
7519W	√	0,91	95	< 150	< 1	One	Metallized, one side LTS film
7525	X	0,91	-	< 150	< 1	Two	Metallized film for cold seal applications
GIFT	X	0,91	-	-	-	One	Metallized film for flower and gift wrapping
ICEMET	√	0,65	105	< 150	< 1	One	Pearlized-metallized ice-cream packaging film
MRG	X	0,70	-	< 85	< 0,7	Two	Pearlized-metallized overwrap film for margarine packaging
C711	√	0,91	125	< 150	< 1	One	Metallized cast (CPP) film with high seal - strenght
7B049	√	0,70	80	< 6	< 0,6	One	Ultra high barrier coated metallized film
7214MT	X	0,91	-	< 150	< 1	One	Metallized, twistable BOPP film

POLIBARR®							Barrier Films
Film Type	Sealability	Density g/cm ³	Sealing initiation Temp. BB °C	OTR cc/m ² /day	WVTR g/m ² /day	Treatment	Description
Y10C1	√	0,93	110	< 160	< 8,5	One	PA/PE Transparent, PA based barrier film for vacuum bags
Y85C0	√	0,98	120	< 12	< 3	N/A	PA/PE Transparent, PA based barrier film for thermoforming
Y50A0	√	0,98	115	< 40	< 4	N/A	PE/PA/PE Transparent, both sides heat-sealable, PA based barrier film
Z05A1	√	0,91	115	< 5	< 7, 5	One	PE/EVOH/PE, EVOH based high barrier film
Z05A1F	√	0,91	115	< 5	< 7,5	One	PE/EVOH/PE, EVOH based high barrier antifog film

POLICAST®							CPP Films
Film Type	Sealability	Density g/cm ³	Sealing Initiation Temp. BB °C	Treatment	Description		
C11	√	0,91	125	One	Transparent CPP film		
C11WS	√	0,91	105	One	Cold resistant, high impact, transparent, low-heat sealable CPP film		
C11A	√	0,91	125	One	Transparent, antistatic CPP film for textile packaging		
C11A1	√	0,91	125	One	Transparent, CPP film for bread packaging		
C12F	√	0,91	120	Two	Antifog, CPP film		
C11B	√	0,97	115	One	White, CPP film		
C11RT	√	0,91	150	One	Transparent, retort-sterilization grade clear CPP film for aseptic packaging		
P30	X	1,00	-	N/A	Solid white paperlike film		

POLIKAP®							Coated Films - Food Packaging Applications
Film Type	Sealability	Density g/cm ³	OTR cc/m ² /day	WVTR g/m ² /day	Print Side	Description	
AA26	√	0,92	< 1500	< 6	Both Side	Both sides acrylic coated film for overwrapping	
OX26	√	0,92	< 30	< 3,5	Uncoated Side	Transparent, one side PVdC coated film for HFFS machines	
AX26	√	0,92	< 30	< 3,5	Acrylic coated	Transparent, one side PVdC and one side acrylic coated film	
AX48	√	0,70	< 30	< 3,5	Acrylic coated	White/pearlized, one side PVdC and one side acrylic coated film	
B050	√	0,91	< 10	< 5	PVOH coated	Transparent, one side PVOH coated heat sealable high barrier film	
X0712	X	0,70	< 15	< 0,70	PVdC coated	High barrier PVdC coated pearlized metallized film	