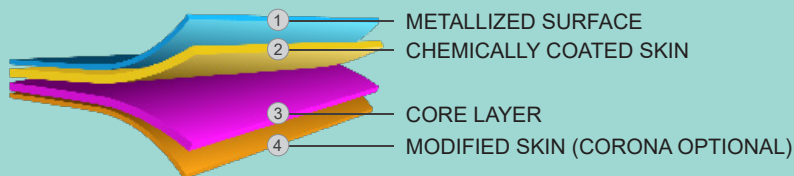




METALIZED PET MPET01

METALIZED PET - is a metallized polyester film suitable for flexible, non-hot filling packaging application. This film is metallized on chemically coated surface to provide very good metal bond strength, available with OD range from 2.2 to 2.8 and provides excellent barrier properties. This film grade complies with FDA and EC regulations for food packaging. Corona treatment on non-coated surface is optional.



FILM TYPES:

- Metallized on chemically coated surface inside outside corona treated

APPLICATION:

- Flexible packaging
- Printing & Laminating

PROPERTIES	TEST METHOD	UNIT		TYPICAL VALUES			
Thickness [+/- 2.5%] (Nominal)	Internal	Micron		8	9	10	12
		Gauge		32	36	40	48
Yield (Nominal)	Internal	m ² /kg		89.3	79.6	71.7	59.7
		in ² /lb		63000	56000	50500	42000
Shrinkage (Max) 150°C @ 30 min	ASTM D 1204	%	MD	2.2	2.2	2.2	2.2
			TD	0.6	0.6	0.6	0.6
Transmission Rate WVTR (38°C, 90% RH)	ASTM F 1279	gm/m ² -day	*OD-2.2	≤ 0.90	≤ 0.90	≤ 0.60	≤ 0.60
			*OD-2.5	≤ 0.60	≤ 0.60	≤ 0.50	≤ 0.50
			*OD-2.8	≤ 0.60	≤ 0.60	≤ 0.50	≤ 0.40
		gm/100 in ² -day	*OD-2.2	≤ 0.06	≤ 0.06	≤ 0.04	≤ 0.04
			*OD-2.5	≤ 0.04	≤ 0.04	≤ 0.03	≤ 0.03
			*OD-2.8	≤ 0.04	≤ 0.04	≤ 0.03	≤ 0.03
Transmission Rate OTR (23°C, 0% RH)	ASTM D 3985	cc/m ² -day	*OD-2.2	≤ 1.30	≤ 1.20	≤ 1.10	≤ 1.00
			*OD-2.5	≤ 1.20	≤ 1.10	≤ 1.00	≤ 0.90
			*OD-2.8	≤ 1.10	≤ 1.00	≤ 0.90	≤ 0.80
		cc/100 in ² -day	*OD-2.2	≤ 0.08	≤ 0.08	≤ 0.07	≤ 0.06
			*OD-2.5	≤ 0.08	≤ 0.07	≤ 0.06	≤ 0.06
			*OD-2.8	≤ 0.07	≤ 0.06	≤ 0.06	≤ 0.05
Metal to film Bond Strength (Avg)	Internal	gm/25mm		500			
Reel Width Tolerance	-	mm		-0/+2			

* Allowable OD Tolerance +/- 5%

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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