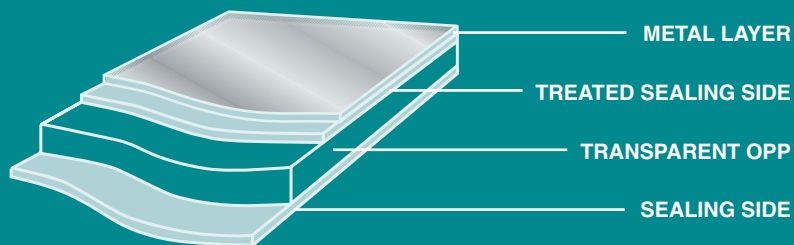


BOPP METALLIZED MGF



MGF is a metallized coextruded bioriented polypropylene film.

Main properties:

- Good wettability and metal adhesion.
- Outstanding machineability.
- High barrier to humidity, visible and non-visible radiation
- Good optical properties.

MGF offers a very high degree of brilliance together with the best machineability on very fast packaging machines, thanks to the particular coefficient of friction and to the wide heat sealing range.

The strong metal adhesion and high surface tension of MGF ensure excellent inter-ply bond strength when laminated to other plastic films or paper.

PROPERTIES	UNITS	MGF								TEST METHODS	
		μ	15	18	20	25	30	35	40		50
Yield	m ² /kg	72.5	60.2	54.6	43.7	36.5	31.3	27.4	21.7		
Unit Weight	g/m ²	13.8	16.6	18.4	23.0	27.6	32.2	36.8	46		
Tensile Strength	MD TD	N/mm ²	140 300	140 300	140 300	140 300	140 300	140 300	140 300	ASTM D 882 DIN 53455	
Elongation at Break	MD TD	%	190 55	190 55	190 55	190 55	190 55	190 55	190 55	ASTM D 882 DIN 53455	
Modulus of Elasticity	MD TD	N/mm ²	1500 3000	1500 3000	1500 3000	1500 3000	1500 3000	1500 3000	1500 3000	ASTM D 882 DIN 53457	
Dimensional Stability	MD TD	%	-4 -2	-4 -2	-4 -2	-4 -2	-4 -2	-4 -2	-4 -2	BMS TT 02	
Sealing Strength		N/15mm	2.1	2.4	2.6	3.4	4.0	4.7	5.5	6.5	130°C, 130N, 1sec
Sealing Range		°C	110-150	110-150	110-150	110-150	110-150	110-150	110-150	110-150	DOR FILM'S STANDARD
Coefficient of Friction Film/Film			0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	ASTM D 1894 DIN 53375
Optical Density		O.D	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	MACBETH FD 932
WVTR		gr/m ² /24hr	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	ASTM F 1249 38°C, 90% R.H.
Oxygen Permeability		cm ³ /m ² /24 hr	100	100	100	130	130	150	150	150	ASTM D 1434 25°C, 0% R.H.
Wetting Tension		dyn/cm	>= 36	>= 36	>= 36	>= 36	>= 36	>= 36	>= 36	>= 36	ASTM D 2578-94

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