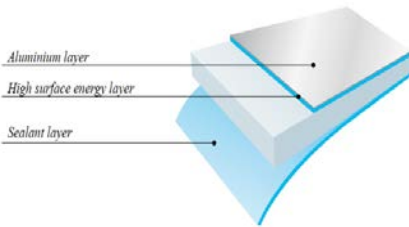


BIAXIALLY ORIENTED METALLIZED POLYPROPYLENE TECHNICAL SHEET



- Good light barrier combined with excellent adhesion to metals capabilities.
- Excellent hot tack and sealing strength for VFFS applications.
- Low COF stable on the sealing layer.
- High mechanical properties to resist to damages on the metal side
- Shiny metallic appearance

MATERIAL

Moderate barrier, sealable metallized film.

APPLICATION

Designed for use as the inner web of adhesive laminations. Can be used for heat or cold seal applications. The sealant layer can be treated in-line for cold seal adhesives designed for treated surfaces.

HEALTH & SAFETY

Material compliant with current legislation on food contacts.

Especially developed for food packaging and for meeting specific requirements on health and safety.

STORAGE

The coils must be kept in the original packaging until use.

It is recommended to maintain the material at a temperature of less than 30°C to minimize its deterioration.

Note: The treatment level can decrease over time.

Properties	Unit	Typical Values						Method
		15	18	20	25	30	35	
Thickness	micron	15	18	20	25	30	35	Internal - gravimetric
Unit weight	g/m ²	13.6	16.4	18.2	22.7	27.3	31.8	Internal - gravimetric
Yield	m ² /kg	73.6	61.1	54.9	44	36.6	31.4	Internal method
Optical density	-	2.2	2.2	2.2	2.2	2.2	2.2	Tobias densitometer
OTR (23°C - 0% RH)	cc/(m ² *day*atm)	100	85	85	85	85	85	ASTM D 3985
WVTR (38°C - 90% RH)	dl/(m ² *day*atm)	1.00	0.55	0.55	0.55	0.55	0.55	ASTM F 1249
COF Dyn F-F (U / U)	-	0.35	0.35	0.35	0.35	0.35	0.35	ASTM D 1894
Tensile Strength at break (MD)	N/mm ²	150	150	150	150	150	150	ASTM D 882
Tensile Strength at break (TD)	N/mm ²	290	290	290	290	290	290	ASTM D 882
Elongation at break (MD)	%	180	180	180	180	180	180	ASTM D 882
Elongation at break (TD)	%	60	60	60	60	60	60	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	1800	1800	1850	2000	2000	2000	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3800	3800	3800	3800	3900	3900	ASTM D 882
Heat seal range (Untreated)	°C	105-140	105-140	105-140	105-140	105-140	105-140	Internal - 3 bar - 1"
Seal strength (U / U)	g/cm	150	170	170	200	200	200	Internal -130°C-3 bar - 1"
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5'