BOGOPHANE

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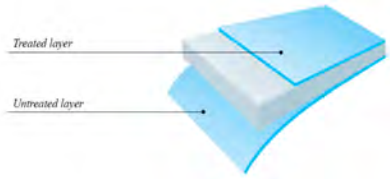
BI-AXIALLY ORIENTED PLAIN POLYPROPYLENE (BOPP) TECHNICAL SHEET



- Non-migrating slip additive system for consistent runnability
- High gloss and transparency for better product presentation
- Excellent flatness
- High treatment
- Excellent mechanical characteristics

Properties	Unit	Typical Values				Method
Thickness	micron	25	30	35	40	Intern - gravimetric
Effective thickness	micron	25	29	34	40	Intern - gravimetric
Unit weight	g/m²	22.8	26.4	30.9	36.4	Intern - gravimetric
Yield	m²/kg	44	37.9	32.3	27.5	Intern method
Surface tension	dynes/cm	38	38	38	38	ASTM D 2578
Haze	%	1.2	1.4	1.6	1.8	ASTM D 1003
Gloss	%	90	90	90	90	ASTM D 2457 45°
COF Dyn F-F (U / U)	-	0.4	0.4	0.4	0.4	ASTM D 1894
Tensile strength at break (MD)	N/mm²	150	150	150	150	ASTM D 882
Tensile strength at break (TD)	N/mm²	290	290	290	290	ASTM D 882
Elongation at break (MD)	%	180	180	200	200	ASTM D 882
Elongation at break (TD)	%	50	50	50	50	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm²	2100	2100	2100	2100	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm²	4200	4200	4200	4200	ASTM D 882
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5'

Latest Revision: 07/06/2022

MATERIAL

Transparent, high gloss, one side treated film for premium Roll-Fed Wrap Around Labels.

APPLICATION

Designed for mono-web wrap-around « no label look » applications.
Using this film, it is possible to reduce film thickness and hence increase the efficiency of operations.
The untreated layer is not receptive to in-line treatment,
please run appropriate tests to determine suitability.

It can be used as outer film for laminated food packaging VFFS and HFFS structures.

It does not have release performances.

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 overtime.