BOGOPHANE

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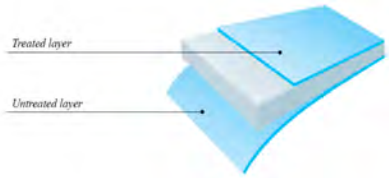
BI-AXIALLY ORIENTED PLAIN POLYPROPYLENE (BOPP) TECHNICAL SHEET



- Non-migratory slip system for consistent machinability
- Ultra-clear and high gloss for outstanding product presentation
- Excellent web flatness and high surface energy
- Excellent mechanical properties

Properties	Unit	Typical Values					Method
Thickness	micron	20	25	30	35	40	Bogophane - gravimetric
Effective thickness	micron	20	25	29	34	40	Bogophane - gravimetric
Unit weight	g/m²	18,2	22,8	27,3	31,9	36,4	Bogophane - gravimetric
Yield	m²/kg	54,9	44	37,9	32,3	27,5	Bogophane method
Surface tension	dynes/cm	38	38	38	38	38	ASTM D 2578
Haze	%	1	1,2	1,4	1,6	1,8	ASTM D 1003
Gloss	%	90	90	90	90	90	ASTM D 2457 45°
COF Dyn F-F (Untreated / Untreated)	-	0,4	0,4	0,4	0,4	0,4	ASTM D 1894
Tensile strength at break (MD)	N/mm²	150	150	150	150	150	ASTM D 882
Tensile strength at break (TD)	N/mm²	290	290	290	290	290	ASTM D 882
Elongation at break (MD)	%	180	180	180	200	200	ASTM D 882
Elongation at break (TD)	%	50	50	50	50	50	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm²	2100	2100	2100	2100	2100	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm²	4200	4200	4200	4200	4200	ASTM D 882
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5′
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5′

Latest Revision: January 2018

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

For health and safety information as well for detailed or specific requirements, please contact us.

STORAGE

To maintain the high quality of this product during storage, it is recommended that it be stored in its original casing, away from any source of heat and direct sunlight.