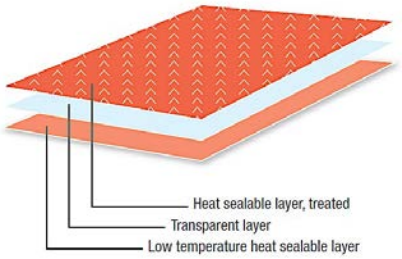
BOGOPHANE

BOGOPHANE SRL
VIA A. RATTI, 9 – 20017 RHO (ITALIA)
TEL. +39 02 930 22 35 FAX. +39 02 931 31 62
INFO@BOGOPHANE.IT
WWW.BOGOPHANE.COM

HIGH SPEED BI-AXIALLY ORIENTED COEXTRUDED POLYPROPILENE (BOPP) TECHNICAL SHEET



- Transparent, low haze and excellent gloss
- Tailored and controlled hot slip properties, up to 60°C
- Low sealing threshold (90°C) layer for high speed HFFS packaging machines
- Corona treated side contributes to improve printing and lamination
- Low water vapour permeability
- Not suitable for boost treatment

Properties	Unit	Typical Values				Method
Thickness	micron	20	25	30	35	Intern - gravimetric
Unit weight	g/m²	18.2	22.7	27.3	31.8	Intern - gravimetric
Yield	m²/kg	54.9	44.1	36.6	31.4	Intern method
Surface tension	dynes/cm	36	36	36	36	ASTM D 2578
Haze	%	3	3	3	3	ASTM 1003
Gloss	%	80	80	80	80	ASTM D 2457 45°
COF Dyn F-F (Ultra Low Seal / Ultra Low Seal)	-	0.2	0.2	0.2	0.2	ASTM D 1894
Tensile strength at break (MD)	N/mm²	140	140	140	150	ASTM D 882
Tensile strength at break (TD)	N/mm²	300	300	300	300	ASTM D 882
Elongation at break (MD)	%	180	195	195	200	ASTM D 882
Elongation at break (TD)	%	50	50	50	50	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm²	1800	1800	1800	1800	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm²	3600	3600	3600	3600	ASTM D 882
Heat seal range (Low Seal)	°C	75-140	75-140	75-140	75-140	Intern - 3 bar - 1"
Seal strength (Ultra Low Seal / Ultra Low Seal)	g/cm	170	200	>200	>200	Intern - 130°C - 3 bar - 1"
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5'

MATERIAL
Transparent, one-side low heat sealable (90°C), one side treated, heat-sealable OPP film.

APPLICATION
It has a wide seal range in order to enable high-speed HFFS packaging capability, whilst retaining good hot-tack and seal integrity.

HEALTH & SAFETY
Material compliant with current legislation on food contacts. Especially developed for food packaging and for meeting specific requirements regarding 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 their deterioration.
Note: The treatment level can decrease over time.

Latest Revision: 07/06/2022