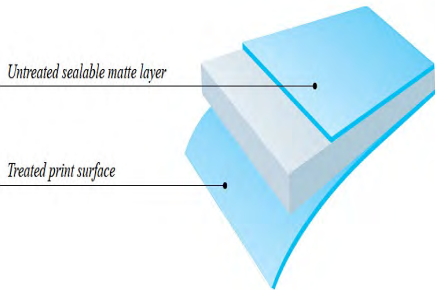


BOPP TRANSPARENT MATTED TECHNICAL SHEET



- Uniform matte appearance with no optical defects
- High opacity of the matte side and satin surface with "paper effect"
- High and consistent slipperiness for excellent runnability
- Excellent flatness with no curling

MATERIAL

Matted, heat sealable, transparent OPP, this film is normally supplied with the outer surface treatment (TO), but can be supplied with the inner surface treatment (TI) or both sides (DO, DI). Please contact us before processing your order.

APPLICATION

- Paper effect lamination
- Rotogravure and flexographic reverse printing
- HFFS and VFFS packaging
- Generic Packaging

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.

Properties	Unit	Typical Values				Method
Thickness	micron	20	25	30	40	Internal - gravimetric
Unit weight	g/m ²	18.2	22.7	27.3	36.4	Internal - gravimetric
Yield	m ² /kg	54.9	44	36.6	27.5	Internal method
Surface tension	dynes/cm	38	38	38	38	ASTM D 2578
Gloss	%	10	10	10	10	ASTM D 2457 45°
COF Dyn F-F (Untreated / Untreated)	-	0.35	0.35	0.35	0.35	ASTM D 1894
Tensile Strength at break (MD)	N/mm ²	130	130	130	130	ASTM D 882
Tensile Strength at break (TD)	N/mm ²	260	260	260	260	ASTM D 882
Elongation at break (MD)	%	150	150	150	150	ASTM D 882
Elongation at break (TD)	%	50	50	50	50	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	2000	2000	2000	2000	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3800	3800	3800	3800	ASTM D 882
Heat seal range (Matte)	°C	105-140	105-140	105-140	105-140	Internal - 3 bar - 1"
Seal strength (Matte/Matte)	g/cm	180	180	180	180	Internal -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'