

# TECHNICAL DATA SHEET



**Foopak PE Board (SL - SZ)** is using certified wood sources, with white shade - poly-coated board designed as direct contact/primary food packaging applications which provides extra protection for the food, combines with the capabilities to be stored in both fridge and frozen condition.



## PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:2005 (E)		STIFFNESS 15° T 556 om-05			
(g/m <sup>2</sup> )	(24" x 36" 500)lb	(µm)	(pt)	CD (gf.cm)	MD (gf.cm)	CD (mNm)	CD (mNm)
230 ± 4%	141 ± 4%	350 ± 4%	13.8 ± 4%	61	121	6.0	11.9
245 ± 4%	151 ± 4%	380 ± 4%	14.9 ± 4%	83	149	7.1	14.6
260 ± 4%	160 ± 4%	410 ± 4%	16.1 ± 4%	94	174	8.1	17.2
280 ± 4%	172 ± 4%	450 ± 4%	17.7 ± 4%	116	220	11.4	21.6
305 ± 4%	187 ± 4%	500 ± 4%	19.7 ± 4%	149	275	14.6	27.0
330 ± 4%	203 ± 4%	550 ± 4%	21.7 ± 4%	176	330	17.3	32.4
*) 360 ± 4%	*) 221 ± 4%	600 ± 4%	23.6 ± 4%	223	380	21.8	33.8

\*) Available upon requested

Tolerance for stiffness 10%

PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		6.0 ± 1.0
Brightness D65/10°	%	ISO 2470-2:2008 (E)	TOP	90.0 ± 1.0
Internal Bond Strength	J/m <sup>2</sup>	T 569 pm-00		Min 120
Water Absorption COBB (180s)	g/m <sup>2</sup>	T 441 om-04	TOP	Max 70
Surface Tension	Dyne/cm	ASTM D2578-09	PE Side	Min 38

\*) Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2

## LDPE POLY CONFIGURATIONS

GSM, gram/m <sup>2</sup>	±2	15	18	20	22	24
THICKNESS, µm	Min	12	15	18	20	22

- Available in both [SL] single-sided and [SZ] double-sided poly configuration, in choice of gloss or matte finish.
- Surface treatment is normally applied for improvement printability, customer may make special request for no treatment.
- PE coated weight and thickness is to be added in baseboard to get final.

### APPLICATION USES

- Design for Meat, Seafood, Ice Cream Packaging, Hot Rice, Hot Noodles, Take Away, Frozen Packaging without partition or die cut.

### RECOMMENDED PRINTING METHODS

- Offset lithographic
- Letterpress

### OTHER FEATURE

- High Bulk, Good Stiffness, Hard sized

\*) Remarks: recommended to seek further technical advice and support from the ink vendors in term of the quality compliance between printing inks, printing methods and its paperboard.



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All parameters measured to 95% confidence interval



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