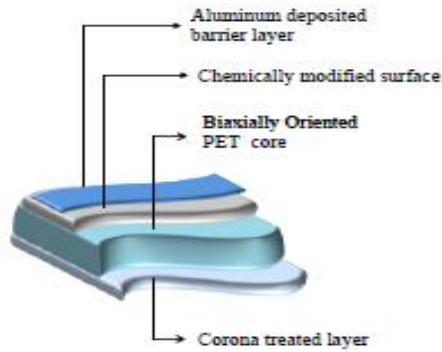


TNHB



TECHNICAL DATA (typical values)

PROPERTIES	UNITS	TESTING METHODS	TNHB
			12

Metallising:

Optical Density		AIMCAL TP-101-78	3.2 ±0.2
MVTR	g/m ² /24 hrs	ASTM F 1249 37.8 °C, 90% RH	≤0.3
O ₂ TR	cm ³ /m ² /24 hrs	ASTM D 3985 230C, 0% RH	≤0.4
Metal adhesion strength	Cn/inch	WI-E3-PMS-18-10-R1	≥2100

Special Feature:

Surface Tension (non metal side)	Dyne	ASTM D 2578	≥46
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Physical:

Thickness +/-3%	μ m	Dail Gauge	12
Density	g/cm ³	ASTM D 792	1.4
Unit weight	g/m ²	ASTM D 792	16.8
Average yield	m ² / kg	ASTM D 792	59.5
Coefficient of Friction		ASTM D 1894	0.65

Mechanical:

Tensile Strength	MD	N/mm ²	ASTM D 882	≥190
	TD			≥210
Elongation	MD	%	ASTM D 882	≤150
	TD			≤120

Thermal:

Thermal Shrinkage	MD	%	ASTM D 1204 150°C, 30 min	≤1.5
	TD			≤0.5

REMARK:

Some of the solvent used in dry lamination process sometimes could interact with the chemically enhanced surface. It is advised to dry thoroughly the solvent" if high boiling point and strong solvent used. The excessive use of cross linking"agent in some adhesive also could interact with the PET film which could cause unpredicted outcome if not cured thoroughly

