

**TECHNICAL SPECIFICATION SHEET**
**Product Designation:**

BRIGHT BLACK 6/45GSM

**Product Code:**

KM6/45

**Manufacturer:**

BRIGHT PACKAGING INDUSTRY BERHAD

**Country of Origin:**

MALAYSIA

**CHARACTERISTIC**

Colour Coating	:	Black
Description	:	Black MR Foil Wash
Coating Type	:	Water Base
Paper Side Laminated	:	Felt side
Foil Side Out	:	Bright Side

**LAMINATED PROPERTY**

Web Weight	Unit	Minimum	Target	Maximum
Paper Weight	gm/m <sup>2</sup>	40.50	45.00	49.50
Adhesive Weight	gm/m <sup>2</sup>	2.40	2.80	3.20
Aluminium Weight	gm/m <sup>2</sup>	14.60	16.20	17.80
Coating Weight (1 <sup>st</sup> process)	gm/m <sup>2</sup>	0.80	1.10	1.40
Coating Weight (2 <sup>nd</sup> process)	gm/m <sup>2</sup>	1.52	1.60	1.68
<b>Total Weight</b>	<b>gm/m<sup>2</sup></b>	<b>59.82</b>	<b>66.70</b>	<b>73.58</b>
Yield	m <sup>2</sup> /kg	16.72	14.99	13.59

Others	Unit	Value
Tensile Strength (MD)	kN/m	3.90
Tensile Strength (CD)	kN/m	1.89
Moisture	%	5.50
Thickness	µm	0.070
Core ID	mm	58
Maximum Roll OD	mm	400

**ALUMINIUM / METALIZED PROPERTY**

	Unit	Value
Material	type	Aluminium
Thickness	µm	6
Pinhole	holes/m <sup>2</sup>	Max. 600
Elongation	%	Min. 1
Temper	type	'O' Soft Temper
Alloy	code	A1235

**Chemical Composition**      Wt%

Si	Fe	Cu	Mn	Mg	Zn	Ti	Others	AL
Max. 0.65	Max. 0.65	Max. 0.05	Max. 0.05	Max. 0.05	Max. 0.10	Max. 0.06	Max. 0.03	Min. 99.35

*\*According to aluminium association standard*

PREPARED BY: QUALITY ASSURANCE DEPARTMENT

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