

APP is one of the world's largest vertically-integrated pulp and paper producers. Our combined pulp, paper and packaging capacity in Indonesia amounts to more than ten million tonnes. As a leading global pulp and paper company, we commit to provide superior value to our customers, sustainably and responsibly.

Our products range included coated, uncoated, cut size, cast coated, carbonless, industrial board, tissue, specialty paper and converted products. On any given day, our products find their way into the hands of consumers in various branded forms from all over the world.

enza  HS  
BROWN

## BAGS PAPER

### APPLICATIONS

- Food wrapping
- Food bags
- Gift wraps
- Steel interleaving
- Stationery & others

### FEATURES & BENEFITS

- High strength equipped the product to run well on high speed machines, improved convertibility
- Gloss & smoothness
- Virgin fibre offer cleanliness
- OBA free and US FDA approved for direct food contact
- Good printability result in good feel and look
- Environmental friendly & biodegradable



Enza HS Bags Paper is produced from 100% unbleached virgin fibres based machine glazed paper with high gloss on one side and a bit coarse surface on the other side of the paper. Excellent tensile and tearing strength are the major parameters which makes our product perfect raw material for a wide range of technical and packaging applications ranging from carrier bags over protective uses to food packaging, other industrial and techno functional applications.

Physical Test	Test Method	*Basic-Weight* (g/m <sup>2</sup> )						
		Kind of Test	Reference	35	40	45	50	60
Grammage (g/m <sup>2</sup> )	ISO 536-1995		35 ± 4%	40 ± 4%	45 ± 4%	50 ± 4%	60 ± 4%	70 ± 4%
Thickness, µm	ISO 534-2011		48 ± 3	55 ± 3	62 ± 3	68 ± 3	82 ± 4	95 ± 4
Smoothness, sec/10ml	ISO 5627-1995	Top	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50
		Back	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35
Cobb Size 60", g/m <sup>2</sup>	ISO 535-1991		20 - 30	20 - 30	20 - 30	20 - 30	20 - 30	20 - 30
Tearing, gf	ISO 1974-1990	MD	≥ 23	≥ 29	≥ 35	≥ 41	≥ 52	≥ 64
		CD	≥ 26	≥ 33	≥ 40	≥ 47	≥ 61	≥ 75
Tensile, kg/15mm	ISO 1924-2-1994	MD	≥ 3.9	≥ 4.4	≥ 5.0	≥ 5.8	≥ 7.34	≥ 9.0
		CD	≥ 1.87	≥ 2.14	≥ 2.4	≥ 2.7	≥ 3.2	≥ 3.7
Bursting, kPa	ISO 2758-2001		≥ 105	≥ 120	≥ 135	≥ 150	≥ 180	≥ 210
Bursting Index, kPam <sup>2</sup> /g	T403 om-97		≥ 3.0	≥ 3.0	≥ 3.0	≥ 3.0	≥ 3.0	≥ 3.0
Surface pH	J'Tappi-6		6.5 - 7.5	6.5 - 7.5	6.5 - 7.5	6.5 - 7.5	6.5 - 7.5	6.5 - 7.5



Manufactured by :  
 PT. Pabrik Kertas Tjiwi Kimia - Mojokerto  
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**A ZERO DEFORESTATION COMMITMENT**  
 We believe in creating a sustainable future through our products and we are doing our part to chart the path ahead through our Forest Conservation Policy launched on 5 February 2013.  
[www.asiapulppaper.com](http://www.asiapulppaper.com)





## BROWN KRAFT

It is a Bags paper is produced from 100% unbleached virgin fibres based machine glazed paper with high gloss on one side and a bit coarse surface on the other side of the paper. Excellent tensile and tearing strength are the major parameters which makes our product a perfect raw material for a wide range of technical and packaging applications ranging from carrier bags over protective uses to food packaging, other industrial and techno functional applications.

### END APPLICATION

- Food Wrapping
- Steel Interleaving
- Food bags
- Stationery & others
- Gift wraps

### FEATURES & BENEFITS

- High strength equipped the product to run well on high speed machines, improved convertibility
- Gloss & smoothness
- Virgin fibre offer cleanliness
- Good printability result in good feel and look
- Environmental friendly & biodegradable
- Safe for direct food contact, comply with US FDA, ISEGA and Halal certification

**enza**  **HS  
BROWN**

BROWN KRAFT

