

# IMPERIAL ANCHOR®

**Product:** Imperial Anchor 9110  
**Site:** Iggesund Mill  
**Company:** Holmen Board and Paper

## General Characteristics

**Name of product:** Imperial Anchor 9110  
**Mill:** Iggesund Pulp Mill  
**Type of pulp:** Northern bleached softwood kraft  
Elementary chlorine free (ECF)  
Web dried  
Paper grade  
**Fibre:** A mixture of 60% Pine and 40% Spruce  
**Pulping process:** Extended modified continuous kraft cooking, oxygen bleaching followed by a four stage bleach plant with chlorine dioxide, oxygen and peroxide as bleaching agents.  
**Pulp characteristics :** Imperial Anchor is a long fibre kraft pulp with wide ranging applications in the manufacture of solid bleached board and other paper and board products where a strong pulp with good beatability and excellent surface characteristics and formation is needed.  
**Applications:**

- Printing and writing papers
- Solid bleached duplex and triplex boards
- Household and sanitary papers
- Speciality papers such as:  
Decorative laminates, security papers, OCR

## Certifications & Standards

### Product related

PEFC credit material	FSC® Mix	Food safety	Archiving	Toy safety
2778 PEFC	TUEV-COC-000232	EC 1935/2004, EC 2023/2006, FDA 21 CFR German BfR XXXVI	Acid free	EN 71 Part 3 EN 71 Part 9

All fibres from sustainable and controlled sources in compliance with the EU Timber Regulation EC 995/2010.  
EcoVadis Platinum Medal awarded in 2024 (top 1% of all companies assessed).

### Mill related

ISO 9001	ISO 14001	ISO 45001	ISO 50001	FSC®	FSSC 22000
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For more detailed information about our certificates, visit [holmen.com/boardandpaper/certifications](https://holmen.com/boardandpaper/certifications)

## Emissions

### Igesund Mill

Emissions to water (2024)	ton 90 AD
Process water 2021	m <sup>3</sup> /ton 39,0
TOC	kg/ton 2,47
AOX	kg/ton 0,06
Nitrogen	kg/ton 0,13
Phosphor	kg/ton 0,02

### Igesund Mill

Emissions to air (2024)	ton 90 AD
Particules	kg/ton 0,02
Sulphur	kg/ton 0,05
CO2 fossil	kg/ton 9,64
NOx	kg/ton 0,94

### Produced by

Igesunds Bruk  
SE-825 80 Iggesund  
Sweden  
Telephone +46 650 28 000

### Sold by

Holmen Board and Paper  
SE-825 80 Iggesund  
Sweden

### Mail

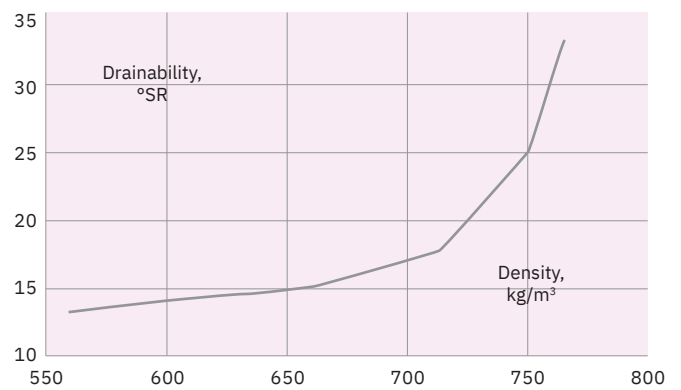
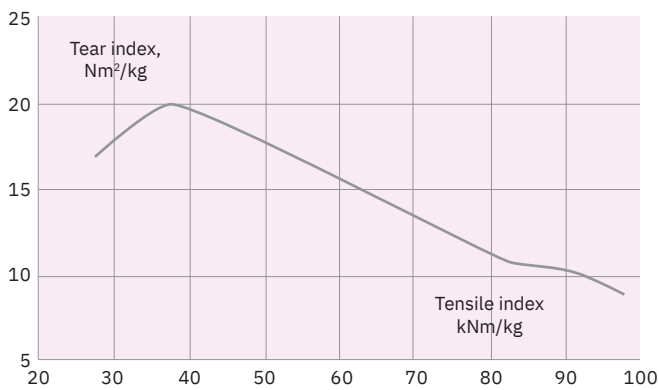
pulpservice@holmen.com

# Chemical and Physical Properties

## Typical Values

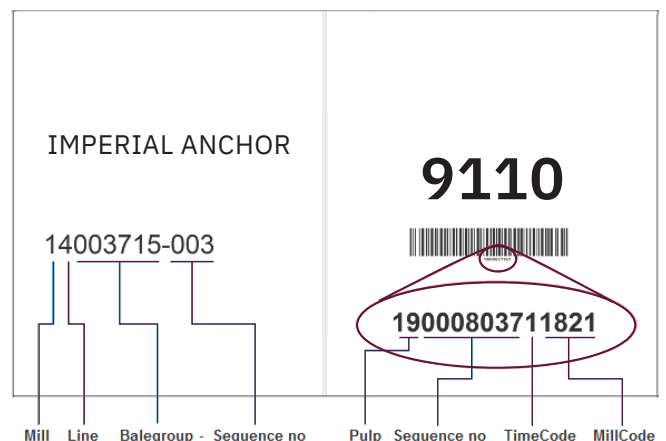
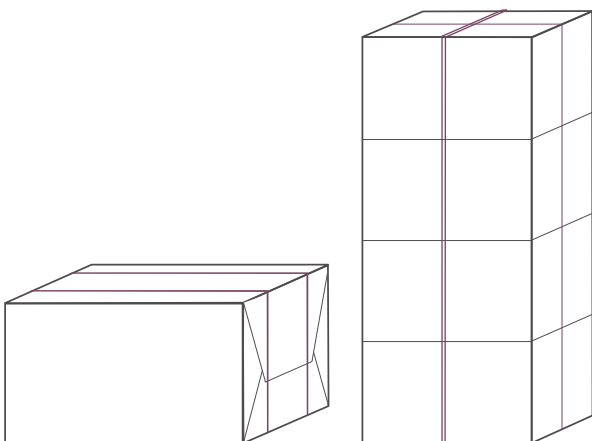
Testing conditions: 50% RH, 23 ° C

Property	Unit								Method
Refining PFI	Revolutions	0	250	1000	3000	6000	8000	ISO 5264-2	
Drainage resistance	°SR	13	14	15	18	25	33	ISO 5267-1	
Density	kg/m <sup>3</sup>	560	600	655	715	750	765	ISO 534	
Tensile Index	kNm/kg	28	38	59	82	93	97	ISO 1924-2	
Tensile Stiffness Index	MNm/kg	3,8	4,5	5,9	7,6	8,4	8,7	ISO 1924-2	
Tear Index	Nm <sup>2</sup> /kg	17	20	16	11	10	9	ISO 1974	
Light Scatt. Coeff.	m <sup>2</sup> /kg	31	28	24	20	18	17	ISO 9416	
WRV	g/g	1,1	1,2	1,3	1,5	1,7	1,8	SCAN-C 62:00	



Property	Unit	Value	Method
Brightness	%	≥88,5	ISO 2470
Ash content	%	0,1	ISO 1762
Extractives	%	<0,05	SCAN-CM 49:03
Viscosity	ml/g	>800	ISO 5351
Fibre length, average figure	mm	2,11	Pulp Eye
Coarseness	mg/m	0,19	Pulp Eye
Dirt Count, max	mm <sup>2</sup> /kg	≤3	ISO 5350-2

Bale facts	Unit	Standard Bale	Export Unit - 8 bales
Length	mm	700	700
Width	mm	720	1440
Height	mm	420	1680
Gross weight	kg	215	1720
Air dry weight	kg	200	1600
Bale Wrapping	Bleached kraft paper		



More information, such as environmental declarations and other certificates can be found at [holmen.com/boardandpaper](http://holmen.com/boardandpaper)