

Product Specifications

Midway Geelong Plantation Hardwood - *Eucalyptus globulus*

Chip Parameters (indicative)

Basic Density (kg/m ³)	570
Dry Matter Content % FOB	53 - 58
Total Kraft Fibre Yield % @ Kappa 18	54+
Compaction Factor FOB (ft ³ /bdmt)	135 - 145
Loading Rate (gmt/hr laytime)	660
Draft Limitation (m)	up to 11.9 with DUKC
Port Limitation	Night sailing limits on older vessels

Chip Size Specification

Measurements of chips are the maximum length of each chip along the grain on the surface of the chip (% by green weight):

More than 28.6 mm	5% maximum
9.5 mm to 22.2 mm	55% minimum
4.8 mm to 28.6 mm	92% minimum
Less than 4.8 mm	3% maximum

Chip Quality Specification

- Not more than 0.5% by green weight of rot.
- Not more than 0.5% by green weight of bark.

The woodchips shall be substantially free from char, metal, bitumen, polypropylene, plastics, vinyl and coal and other foreign materials such as sand, stones, clay or other forms of contamination so as not to be incompatible with use in pulp and paper manufacturing.

Product Specifications

Midway Geelong Plantation Hardwood - *Eucalyptus nitens*

Chip Parameters (indicative)

Basic Density (kg/m ³)	480
Dry Matter Content % FOB	50 - 54
Total Kraft Fibre Yield % @ Kappa 18	54+
Compaction Factor FOB (ft ³ /bdmt)	155 - 160
Loading Rate (gmt/hr laytime)	660
Draft Limitation (m)	up to 11.9 with DUKC
Port Limitation	Night sailing limits on older vessels

Chip Size Specification

Measurements of chips are the maximum length of each chip along the grain on the surface of the chip (% by green weight):

More than 28.6 mm	5% maximum
9.5 mm to 22.2 mm	55% minimum
4.8 mm to 28.6 mm	92% minimum
Less than 4.8 mm	3% maximum

Chip Quality Specification

- Not more than 0.5% by green weight of rot.
- Not more than 0.5% by green weight of bark.

The woodchips shall be substantially free from char, metal, bitumen, polypropylene, plastics, vinyl and coal and other foreign materials such as sand, stones, clay or other forms of contamination so as not to be incompatible with use in pulp and paper manufacturing.

Product Specifications

Midway Geelong Native Hardwood – *Eucalyptus* Sp.

Chip Parameters (indicative)

Basic Density (kg/m ³)	550
Dry Matter Content % FOB	55 - 58
Total Kraft Fibre Yield % @ Kappa 18	52+
Compaction Factor FOB (ft ³ /bdmt)	140 - 145
Loading Rate (gmt/hr laytime)	660
Draft Limitation (m)	up to 11.8 with DUKC
Port Limitation	Night sailing limits on older vessels

Chip Size Specification

Measurements of chips are the maximum length of each chip along the grain on the surface of the chip (% by green weight):

More than 45.0 mm	3% maximum
9.5 mm to 45.0 mm	88% minimum
4.8 mm to 9.5 mm	6% maximum
Less than 4.8 mm	3% maximum

Chip Quality Specification

Not more than 1.0% by green weight of bark and rot.

The woodchips shall be substantially free from char, metal, bitumen, polypropylene, plastics, vinyl and coal and other foreign materials such as sand, stones, clay or other forms of contamination so as not to be incompatible with use in pulp and paper manufacturing.

Product Specifications

QCE Brisbane Plantation Hardwood - *Eucalyptus grandis and dunnii*.

Chip Parameters (indicative)

Basic Density (kg/m ³)	515
Dry Matter Content % FOB	55
Total Kraft Fibre Yield % @ Kappa 18	52+
Compaction Factor FOB (ft ³ /bdmt)	165 - 170
Loading Rate (gmt/hr laytime)	600
Draft Limitation (m)	13.5
Port Limitation	No restrictions

Certification

FSC Controlled wood

Chip Size Specification

Measurements of chips are the maximum length of each chip along the grain on the surface of the chip (% by green weight):

More than 45.0 mm	3% maximum
9.5 mm to 45.0 mm	88% minimum
4.8 mm to 9.5 mm	6% maximum
Less than 4.8 mm	3% maximum

Chip Quality Specification

- Not more than 0.5% by green weight of rot.
- Not more than 0.5% by green weight of bark.

The woodchips shall be substantially free from char, metal, bitumen, polypropylene, plastics, vinyl and coal and other foreign materials such as sand, stones, clay or other forms of contamination so as not to be incompatible with use in pulp and paper manufacturing.

Product Specifications

QCE Brisbane Plantation Softwood - Pinus caribaea var hondurensis ~40% Pinus caribaea var hondurensis x Pinus elliotii var elliotii ~ 45% Araucaria cunninghamii~15%

Chip Parameters

Basic Density (kg/m ³)	480 - 520
Dry Matter Content % FOB	55
Total Kraft Fibre Yield % @ Kappa 35	48 - 50
Compaction Factor FOB (ft ³ /bdmt)	165 - 170
Loading Rate (gmt / laytime hr)	600
Draft Limitation Low (m)	13.5
Port Limitation	No restrictions

Chip Size Specification

Measurements of chips are the maximum length of each chip along the grain on the surface of the chip (% by green weight):

More than 28.6 mm	4.0% maximum
28.6 mm to 9.5 mm	85.1% minimum
9.5 mm to 3.2 mm	10.0% maximum
Less than 3.2mm	0.9% maximum

Chip Quality Specification

Not more than 1.0% by green weight of bark and/or rotten wood.

The woodchips shall be substantially free from char, metal, bitumen, polypropylene, plastics, vinyl and coal and other foreign materials such as sand, stones, clay or other forms of contamination so as not to be incompatible with use in pulp and paper manufacturing.