

Purchasing Specification for Wood Chips

1 General Information

This purchasing specification outlines the requirements for procuring wood chips for Acacia Composites' industrial application.

The specification aims to ensure that the purchased wood chips meet specific quality standards.

2 Size and Dimensions

The maximum chip size should not exceed 100 mm in any dimension.

Smaller chip sizes within the range of 3 mm to 100 mm are acceptable.

Wood chips should have a thickness ranging from 1 mm to 30 mm.

< 3mm	≥ 3 mm up to 50 mm	> 50 mm up to 100 mm	> 100 mm
2%	80%	15%	3%

Acceptable particle size distributions.

3 Water Content

The maximum allowable water content is 10%.

Water content will be tested upon arrival of the material using EN 14774:2010 standard or an equivalent method.

Testing will be conducted by qualified personnel of Acacia Composites or certified laboratories.

Test results will be documented and made available to the supplier upon request.

4 Cleanliness and Contaminants

Wood chips should be free from contaminants such as dirt, stones, metals, plastics, excessive bark, or other foreign materials.

The presence of contaminants can adversely affect the manufacturing process or end product quality.

5 Ash Content

The maximum ash content should not exceed 4%.

Ash content should be tested for each delivery using the EN 14775 standard or an equivalent method.

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Test results will be documented and made available to the supplier upon request.

6 Chemical Treatments

Wood chips should not be treated with chemicals that may negatively impact the intended application or end product.

Any chemical treatments, if necessary, should comply with applicable regulations and be disclosed to the purchaser.

7 Delivery and Storage

Wood chips should be transported and stored in a clean and dry manner to prevent moisture absorption, contamination, or deterioration.

Adequate storage conditions, such as proper ventilation and protection from the elements, should be provided.

8 Quality Control

The purchaser reserves the right to inspect and test wood chip samples to verify compliance with the specified requirements.

Non-compliant wood chip batches may be rejected or require adjustments before acceptance.

Windhoek, June 19, 2023.