

UPM BioPiva™ 100

Technical specification

Material and properties

UPM BioPiva™ 100 is a purified, kraft softwood lignin that can be used in various applications. It is a non-toxic product from renewable sources. UPM BioPiva™ 100 can be used to replace and to reduce the usage of fossil based materials without compromising the performance.

| Specification | Typical value |
|----------------------------|-------------------|
| Appearance | dark brown powder |
| Solid content 105°C, % | 65 |
| Molecular weight Mw, g/mol | 5000 |
| Ash content 700°C, % | <2 |
| Storage stability, 20°C | >12 months |

Disclaimer

All information given in this Technical Data Sheet is based on our present knowledge and experience on the date of this statement. Please acknowledge that the Technical Data Sheet is not intended to provide any additional warranty for the products, and it is subject to limitations on liability set out in the agreement between UPM or its subsidiaries and you. In particular, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied. All information given in this Technical Data Sheet is intended for persons having the required skill and knowledge and do not relieve you from verifying the suitability of the information, or the product used, for a specific purpose prior to use by testing. The testing must be carried out by qualified experts only and in your sole responsibility. Use or application of such information and the product is at your sole responsibility and risk, and UPM or its subsidiaries shall not be liable for any damage or injury resulting from the use of the products or this information. This Technical Data Sheet has been prepared and is to be used only for the herein specified product. If the product is used as a component in another product, the information in this statement may not be applicable.

Handling

UPM BioPiva™ 100 is delivered in bigbags.

Safety

UPM BioPiva™ 100 should not be used, stored or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) are understood by all persons who will work with it. Being a powder particular precautions have to be taken to avoid the risk of dust explosion.

Storage

The product should be stored protected from rain and humidity, and exposure to direct sunlight in temperature between 10-30 °C. When stored properly, the product will maintain its performance over 12 months.

Information resources

For further information please contact:
lignin@upm.com

UPM Biochemicals

Alvar Aallon katu 1
P.O. Box 380
00101 Helsinki, Finland
Tel. +358 (0)204 15 111
Fax +358 (0)204 15 110
lignin@upm.com