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Natural Fibre Reinforced Plastics in Material Data Center

Under the framework of the project **N-FibreBase** extensive efforts to support Natural Fibre Reinforced Plastics are organized. One important part of these activities is the development of a material database, which is available via internet at:

www.n-fibrebase.net.

Several hundreds of professional specialists use this platform to get information about available materials and their characteristics every month.

However, the long term goal must be to bring Natural Fibre Reinforced Plastics and Biopolymers out of the isolation of a specialized portal and present them with reliable and comparable properties in databases that are generally used by engineers for their daily work.

First of all, producers had to be convinced to invest into **material tests** and to understand that the availability of published material data is requested by the market. Also, the use of the



Cell Phone Housing made from natural fiber reinforced PP

correct material tests and data formats that match the accepted standards of the plastics industry had to be promoted.

The efforts of the project N-FibreBase have been successful. Several material suppliers provide qualified material data that match the international standard of the plastics industry.

Now material data of the following companies Tecnar, AFT Plasturgie and Kareline is available in the inter-

national database Material Data Center and can be viewed and compared together with conventional Engineering Plastics. The address is:

[www. materialdatacenter.com](http://www.materialdatacenter.com).

All suppliers of Natural Fibre Reinforced Plastics and Biopolymers are invited to characterize their materials and also include the data into the system. Inclusion of qualified data into the system is free for suppliers. Detailed information and support is available from M-Base.

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