

POLYFORT® NF

Sustainable benefits for you and the environment

The future of our planet depends on how we make use of our sustainable natural resources. This also applies to the plastics industry. Many applications can satisfactorily substitute natural fillers like plant fibres for minerals or fibreglass. We have succeeded in developing POLYFORT® NF: a compound that contains a proportion of sustainable raw materials and also has significantly reduced density.

For example, with a typical polypropylene compound containing 30 % filler, the density can be reduced with POLYFORT® NF by up to 10 % if the mineral or fibreglass filler is replaced with natural fibres. Also, CO₂ emissions are lower during the manufacture of natural fibres. POLYFORT® NF really can provide a compelling ecological advantage.

Many reasons why POLYFORT® NF is the **natural** choice:

- Uniform isotropic shrinkage
- Outstanding ecological benefits
- Sustainable raw materials used
- Excellent mechanical and acoustical properties
- Less debris and attrition of tools compared to fibreglass compounds
- Easier to recycle than fibreglass compounds
- Component weight reduced by as much as 30 %
- Significant reduction of CO₂ emissions



Our engineers will be happy to advise you on what compounds are right for your product. We can recommend which of our plant fibre reinforced polypropylenes have the right heat distortion resistance and stability for your application.

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