

Amino resins (e.g. Kaurit®) and pMDI (e.g. Lupranat®) have successfully been used as binding agents in wood-based material production for a long time.

BASF is the only manufacturer to produce and sell both binding agent types. The company has used this unique situation to continue its development of hybrid systems consisting of amino resins and pMDIs. The result is Kauranat MS 1001, an innovative pMDI-based product.

Hybrid systems using amino resins and standard pMDI can achieve an increase in pressing speed of between 5 and 10 percent. Kauranat MS 1001 can help increase the speed up to 20 percent, while retaining the quality levels of the wood-based materials.

This results in a significant increase in efficiency in the production of wood-based materials.



Kauranat MS 1001— for efficient binding!

The new BASF product to
increase efficiency in wood-
based material production

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<https://products.basf.com/en/Kauranat.html>

BASF
We create chemistry

Kauranat MS 1001 at a glance

Kauranat MS 1001 works synergistically **with all amino resins**

Effective on **fresh and recycled wood**

Drop-in solution:
Kauranat MS 1001 replaces standard pMDI

Synergy through **interactions** between the components of the hybrid system

Homogeneous distribution of the hybrid binding agent

Your benefits

- ▶ Faster processing speeds, same product properties
- ▶ Reduced formaldehyde emissions at the same processing speeds
- ▶ Drop-in solution for existing pMDI dosages
- ▶ Combination with technological measures possible to optimize the process

Approx. **20%** increase in processing speed compared to pure **amino resins**

Approx. **10%** increase in processing speed compared to hybrid system of amino resins and **standard pMDI**

Efficient production of **low-emission boards** as per CARB2 and F4* guidelines

