UF/MUF Resins
Quality Control

Laboratory and Process Instruments and Support
UF/MUF Resins
The uses of UF/MUF resins are many and varied. They are key components in many wood products like particleboard, MDF, impregnated papers, flooring, laminated beams, shuttering boards etc. Consistent resin quality is important for high productivity and yield in the wood products manufacturing processes.
Production & delivery of resins

1. **Fast analysis** save time and money for resin producers. The use of time consuming and expensive wet chemical methods can be reduced. Shipments can be approved and released faster. Out specification resins are identified faster and corrective measures can be made sooner.

2. **Analysing batch and tank samples** in just a few seconds help the resin producers to optimize the process and secure consistent quality in the resins.

3. **Analyze resins** before it is unloaded from the storage tanks. This minimizes the risk of out of specification resins before shipment to the wood products producers.

Optimize your resin handling

Monitoring and controlling the resin quality is crucial to maintaining efficient production and profitability for the wood product producers. Unwanted variations in resin quality can lead to process disturbances that can be costly for both the wood products producer and the resin supplier. Fast resin analysis using NIR instruments from Perten, help reduce the risk of ‘out-of-specification’ products being delivered and used in the wood product manufacturing process.

1. **Analysing deliveries before unloading trucks** help the wood products producers to avoid unloading out of specification deliveries into the storage tanks.

2. **Analysing resin in the storage tanks** allow the wood products producer to verify resin quality before pumping the resin into the manufacturing process and to adjust resin-catalyst recipe according to resin properties.

The **RVA 4500** viscosity meter provides rheology data on resins, wax emulsions and other additives.

The **DA 7250** NIR analyzer determines dry content, molar ratio and other key resin parameters in as little as 6 seconds.
Global expertise, local support

We supply solutions to our customers – support after the sale is as important as the instrument itself. Our teams of technicians and applications specialists, and the services they provide, ensure our customers continue to get the most benefit during the entire life of the instrument. We provide service, training classes, calibration development, method development and other customized programs and services.

We are active in nearly every part of the world. We serve you through our direct offices and our extensive network of highly qualified, experienced and trained distributors. Our distributors are an important part of Perten Instruments team and many have been with us for more than 25 years.

To find out more about Perten Instruments, our products or local support, please visit our website at www.perten.com