

Thursday, 14 September 2017

First license on Norner's Advanced Polyethylene production technology

Norner is proud to announce that we have signed the first license agreement for our Norner Trimodal Technology (NTT).

Norner developed and patented a breakthrough technology for production of PE polymers by Trimodal Technology (NTT). The NTT concept is based on a system of three polymerization reactors where a small fraction of a third high molecular weight polymer is introduced in a small third reactor containing comonomer. This enables a cost efficient upgrading of existing bimodal plants by adding a third reactor.

Our polymer experts have used their deep knowledge in combination with our advanced polymerization lab to develop the new three-reactor concept. This is a smarter way of producing Trimodal materials since it enables a higher comonomer content in the highest molecular weight which boost the performance of the materials. The technology will be very suited for applications such as pipe, blow moulding and films.

Key material and application benefits are improved pressure and stress crack resistance, better impact resistance and excellent processability.

"We are very proud of the team effort and knowledge among our experts that have developed NTT for Norner over the last years", says Research Director Morten Lundquist.

"The agreement has a value for Norner of multimillion US dollars for the first factory and is a step stone for us to enable investments in people and assets to be in the position as a global market leader of Industrial R&D services in Polymers", says CEO Tine Rørvik

NTT technology is protected by patents and is commercialized through Norner Verdandi.

Contacts:

- Tine Rørvik: +47 97 05 05 32, mail: tine.rorvik@norner.no
- Ole Jan Myhre: +47 90 75 67 25, mail: olejan.myhre@norner.no

With best regards
Ole Jan Myhre
Market Manager

About Norner

Norner AS
Asdalstrand 291
NO-3962 Stathelle
Norway

Telephone: +47 35 57 80 00
Fax: +47 35 57 81 24
Web: www.norner.no
Mail: post@norner.no





PRESS RELEASE

Norner is a Global market leader of industrial polymer R&D services based in Norway where we operate an advanced technology centre for development and testing. We strive to fulfil our vision of being the Polymer Explorers for our clients through a full service portfolio of R&D, laboratory and strategic advisory based on 40 years of industrial experience. Our key customer segments are petrochemicals, oil and gas, packaging, building and infrastructure and green technology. We contribute to increased profitability and improved sustainability for our clients.

About Norner Verdandi

Norner Verdandi business model is to identify, invest in ownership and sales of technology through Norner, but also in cooperation with other companies.

Attachments: Photo from Norner polymerisation lab / Photo of Tine Rørvik + Morten Lundquist

Norner AS
Asdalstrand 291
NO-3962 Stathelle
Norway

Telephone: +47 35 57 80 00
Fax: +47 35 57 81 24
Web: www.norner.no
Mail: post@norner.no

