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Advanced Global Investment Company chooses LyondellBasell's Spheripol and Spherizone PP Technologies

May 06, 2020

ROTTERDAM, the Netherlands, May 6, 2020 – LyondellBasell (NYSE: LYB), the world's largest licensor of polyolefin technologies, today announced that Advanced Global Investment Company (AGIC) has selected LyondellBasell's leading polypropylene technology for a new world scale facility.

The process technologies will be used in AGIC's polyolefin production assets in Jubail Industrial City, Kingdom of Saudi Arabia.

The facility includes a 400 KTA polypropylene plant using LyondellBasell's benchmark *Spheripol* technology as well as a 400 KTA polypropylene plant using LyondellBasell's leading *Spherizone* technology.

"We are thrilled about AGIC's decision to use LyondellBasell's polypropylene technology on this site. This clearly demonstrates the need of operators to invest in benchmark process technologies to ensure polypropylene product leadership over the lifecycle of the facility," said Jim Seward, senior vice president of research and development, technology and sustainability at LyondellBasell. Seward added: "The simplicity and robustness of the *Spheripol* process and the ability to produce outstanding polymer grades on a benchmark cost basis with the *Spherizone* technology is highly appreciated by our customers."

The *Spheripol* technology is the leading polypropylene process with more than 125 lines licensed over time. The latest fifth generation *Spheripol* technology includes process improvements that further maximize operational efficiency.

The *Spherizone* multi-zone circulating reactor (MZCR) process provides a unique and innovative platform to manufacture polypropylene products with novel architecture and enhanced product properties. With this award, almost 8 million tons has been licensed globally.

Both plants will commence operations using LyondellBasell's *Avant* ZN catalyst.

New licensees can take advantage of LyondellBasell's in-house expertise of continuous production improvement, sustainable product development and catalyst knowhow, by optionally joining our Technical Service program.

In addition to the *Spheripol* and *Spherizone* process technologies, LyondellBasell's portfolio of licensed polyolefin processes and catalysts includes:

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- *Spheriilene* – Flexible gas phase process technology for the production of LLDPE, MDPE and HDPE
- *Metocene* PP – Innovative add-on technology for the production of specialty polypropylene products using single-site catalyst systems
- *Avant* – Advanced Ziegler-Natta, including non-phthalate, chromium and metallocene catalysts for entire range of polyolefin production.

About LyondellBasell:

LyondellBasell (NYSE: LYB) is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polymer compounds and the largest licensor of polyolefin technologies. In 2020, LyondellBasell was named to Fortune magazine's list of the "World's Most Admired Companies." More information about LyondellBasell can be found at www.LyondellBasell.com.

SOURCE: LyondellBasell

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