

## USD 850 million Vadinar Refinery Petrochemical Expansion: Nayara Energy licenses UNIPOL® PP Process Technology from Grace

UNIPOL® PP Process Technology to enable Nayara to produce phthalate-free products

**Mumbai, July 16, 2019:** As part of its USD 850 million investment at its Vadinar Refinery towards expansion into petrochemicals, Nayara Energy, a new-age downstream energy company, has licensed UNIPOL® PP Process Technology from W. R. Grace & Co (NYSE:GRA) to produce broad range of phthalate-free products from the 20-MMTPA Refinery.

As part of the expansion, Nayara endeavours to set up up 450,000 tonnes a year Polypropylene plant. The primary source of feedstock is its existing FCC unit, which is optimized for booting performance. Additionally, the current and future investments in the petrochemical business will significantly contribute towards the development of Devbhumi Dwarka district as petrochemical hub in India.

Commenting on the development, **B. Anand, Chief Executive Officer of Nayara Energy** said, “The Petrochemical sector has a vital role to play in India’s economic growth and development. Diversifying our energy basket with our foray into petrochemicals is a step towards becoming a part of this development story. We are committed to drive excellence through our partnerships and deliver innovation across our businesses. Our partnership with Grace will ensure that the right technology is available to produce high quality value added products from our refinery”.

**Sergey Denisov, Chief Development Officer, Nayara Energy** said, “Our Vadinar refinery expansion forays into petrochemicals. Investing in Grace’s UNIPOL® PP Process Technology gives us the ability to make a broad range of phthalate-free products for our customers. As the demand for these advanced PP products increases in the region, Nayara Energy wants to ensure that it is using reliable, and cost-effective technology available to meet our customer’s needs.”

Grace's all gas-phase UNIPOL® PP Process Technology is one of the most reliable technologies available providing the advanced and broadest range of homopolymers, random copolymers, and impact copolymers in the industry.

**Laura Schwinn, President of Grace’s Specialty Catalysts business** said, “Grace is excited to be the technology choice for Nayara Energy at the Vadinar refinery in Gujarat, India. We are confident that the wide array of homopolymer, random copolymer, and impact copolymer products, combined with our non-phthalate CONSISTA® catalysts, will give Nayara Energy the leading edge in polypropylene resin production in the region.”

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### **About Nayara Energy**

Nayara Energy is a new-age downstream energy company of international scale with strong presence across the hydrocarbon value chain from refining to retail. In August 2017, the company was acquired by international investors, Rosneft and an investment consortium comprising of global commodity trading firm, Trafigura and UCP Investment Group. The company owns and operates India's second largest single site refinery at Vadinar, Gujarat with a current capacity of 20MMTPA. The refinery is one of the world's most modern and complex refineries with a complexity of 11.8, which is amongst the highest globally. More information about Nayara Energy is available on [nayaraenergy.com](http://nayaraenergy.com).

### **About Grace**

Built on talent, technology, and trust, Grace is a leading global supplier of catalysts and engineered materials. The company's two industry-leading business segments—Catalysts Technologies and Materials Technologies—provide innovative products, technologies, and services that enhance the products and processes of our customers around the world. With approximately 3,900 employees, Grace operates and/or sells to customers in over 70 countries. More information about Grace is available at [grace.com](http://grace.com)

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