



Press Release

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Close collaboration enables novel hotmelt adhesive for increased consumer convenience

Henkel and LyondellBasell create innovative re-closable packaging solution for increased consumer convenience

Rotterdam and Düsseldorf, October 7, 2022 – With increased environmental consciousness and growing food prices, consumers are trying to reduce food waste as much as possible. Re-closable packaging is getting more and more popular as it is easy to use and helps to make food last longer. Re-closable packaging reduces moisture loss/gain, microbial growth and preserves the flavor of the food. LyondellBasell (NYSE:LYB) and Henkel have gone one step further by developing new reopen/reclose properties which make re-closable packaging even more convenient for consumers. The Henkel hotmelt adhesive, which is based on an innovative plastomer from LyondellBasell, is responsible for the improved reopen/reclose properties.

Thanks to its unique composition, the final hotmelt adhesive manufactured by Henkel allows for a smooth first opening while maintaining desired reopening and reclosure properties on amorphous polyethylene terephthalate (APET) and polyolefin trays - even after multiple repetitions. Henkel found this solution to be more advantageous than previously used technologies. "It's the first time we are using this type of solution for re-closable packaging," says Dirk Kasper, Head of Product Development Packaging Adhesives Europe at Henkel. "Thanks to its product design, our re-closable hotmelt provides processing advantages compared with current market alternatives. This is about its very good compatibility with coextruded materials such as polyethylene (PE) or polyethylene terephthalate glycol (PET-G) and stable film-blowing. Additionally, it shows long lasting re-closability properties."

"Besides the processing advantages, plastomers bring additional benefits to the end user," says Stefano Pasquali, Technical Service Manager at LyondellBasell. "One characteristic that distinguishes our plastomer solution from traditionally used solutions is its low odor. This is especially important for food packaging. It is also one of the main ingredients which allows it to make the packaging very easy to open and reclose, over and over again. We are proud

that our solution contributes to an improved consumer experience while reducing food waste.”

The new solution from LyondellBasell and Henkel, which is now available in Europe, allows packaging manufacturers to keep at pace with the desires of today’s consumers. For more information reach out to bemore.sustainable@henkel.com

About Henkel

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. In its Laundry & Home Care and Beauty Care businesses, Henkel holds leading positions in many markets and categories around the world. Founded in 1876, Henkel looks back on more than 140 years of success. In 2021, Henkel reported sales of more than 20 billion euros. The company employs about 53,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose, and shared values. As a recognized leader in sustainability, Henkel holds top positions in many international indices and rankings. Henkel’s preferred shares are listed in the German stock index DAX. For more information, please visit www.henkel.com.

About LyondellBasell

As a leader in the global chemical industry, LyondellBasell strives every day to be the safest, best operated and most valued company in our industry. The company’s products, materials and technologies are advancing sustainable solutions for food safety, access to clean water, healthcare and fuel efficiency in more than 100 international markets. LyondellBasell places high priority on diversity, equity and inclusion and is Advancing Good with an emphasis on our planet, the communities where we operate and our future workforce. The company takes great pride in its world-class technology and customer focus. LyondellBasell has stepped up its circularity and climate ambitions and actions to address the global challenges of plastic waste and decarbonization. In 2022, LyondellBasell was named as one of FORTUNE Magazine's "World's Most Admired Companies" for the fifth consecutive year. For more information, please visit www.lyondellbasell.com or follow @LyondellBasell on LinkedIn.

Photo material is available at www.henkel.com/press

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Henkel AG & Co. KGaA



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