

BP Polymers Introduces Kortrax® Barrier Resin for HDPE Containers

More than a year in development, Kortrax® BR is now launched for Baritainer® HDPE plastic bottles, jerry cans, drums and intermediate bulk containers (IBC).



Irvine, Jan 17, 2019 ([IssueWire.com](http://www.IssueWire.com)) - BP Polymers, LLC proudly announces the launch of Kortrax® BR – the latest generation in barrier resins for HDPE containers. A full year of research and development was invested by BP Polymers in developing the Kortrax® BR family of products, leveraging the mono-layer barrier technology originated and developed previously with Quoral® barrier resins.

Kortrax® utilizes the same platform as Quoral® - a polyamide base – with the addition of other polymers to improve both the chemical permeability performance profile and the oxygen transfer rate (OTR) of HDPE containers. Kortrax® constructed containers, trademarked as Baritainers®, can safely transport solvent-based products such as household chemicals, industrial chemicals, cleaning solvents, adhesives, wood preservatives, automotive additives, and agricultural chemicals.

Now with the new Kortrax® BR, food applications requiring a barrier resin to prevent both permeation and oxygen contamination may now be pursued with HDPE mono-layer Kortrax® barrier containers. Kortrax® BR is FDA, EU and USP 661 compliant.

Another new feature for Kortrax® BR is the addition of an optical tracer. With Kortrax® BR, it is possible to identify its presence within the Baritainer® using a UV flashlight to confirm both the presence and distribution of Kortrax® within the walls of the HDPE matrix. Thus, the end user is assured that Kortrax® BR is present and acting as a barrier to the liquid product packaged within the walls of the HDPE container. (Photo Examples found at <http://www.barrierplastics.com>).

Baritainers® made w Kortrax® BR offer a cost-effective alternative to other barrier package technologies such as fluorination, steel, tin plate, and polyvinyl chloride (PVC) resin. Kortrax® Baritainers® is also a sustainable and environmentally friendly alternative to EVOH multi-layer containers in that they can be recycled. And since there is no post-manufacturing fluorination, a reduction in carbon emissions results from the elimination of transportation between the bottle manufacturer and the fluorination treatment facility. Finally, any concern for human exposure to polyfluorinated compounds like PFOS and PFOA is mitigated.

Kortrax® Baritainer® bottles are produced via selected licensed HDPE container manufacturers. They

are marketed and sold by Barrier Plastics, BP Polymers' sister company, and its licensed manufacturers to their respective customers in various markets. Moreover, Barrier Plastics® also works with various distributors as listed on the <http://www.barrierplastics.com> website.

Kevin Callahan, COO, BP Polymers, stated, “We look forward to working with our manufacturing partners in presenting the new Kortrax® Baritainers® to various end-user customers in multiple markets. With this launch of Kortrax® BR the Quoral® brand will now be retired as we focus on producing the Kortrax® BR HPDE containers, building upon the very positive acceptance and growth of Quoral® BR in the packaging industry. Both BP Polymers and our licensed manufacturers working together will offer a unique and proven mono-layer HDPE barrier container technology to solve customer requirements in a very cost-effective and sustainable manner.”

ABOUT BP POLYMERS, LLC

BP Polymers was founded in 2009 after years of extensive materials research and product development. based in California, BP Polymers is the sole US manufacturer of Kortrax® Barrier Resins. BP Polymers' sister company, Barrier Plastics, Inc., is also located in Southern California and is the home of Baritainers®. For more information, please visit us at <http://www.bppolymers.com> or <http://www.barrierplastics.com>.

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