



SmartHeat RHC: The next generation reheat technology for PET bottles

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Product Description

SmartHeat RHC is the latest reheat technology for PET packaging developed under the ColorMatrixTM brand. As a SmartHeat additive, it is designed to be added at the injection molding phase as a liquid dispersion using a standard ColorMatrixTM liquid dosing cart. The excellent reheat capability, improved PET color and enhanced mechanical properties of the bottle, make it ideally suited to applications in the PET packaged water bottle market.

The impact on color and aesthetics through the recycling process of PET has shown to be positive, aiding in the reduction of yellowing generally experienced in most rPET processes.

Benefits including energy reduction and potential for light-weighting, increased rPET content and increased productivity contribute towards a reduced carbon footprint, improved sustainability and reduced cost.

As a liquid dispersion, SmartHeat RHC is available as a stand-alone product or can be combined with other ColorMatrixTM liquid dispersions, such as toners or acetaldehyde scavengers. It can be used in clear or colored applications where a color-matched solution can be provided.

Contact Information:

Andrea Smith andrea.smith@polyone.com +44 (0)7772 589821

Alan Barcon alan.barcon@polyone.com +1 (440) 242 9989

Thank you for participating in the 2019 Showcase! Your commitment to plastics recycling is greatly appreciated!

Steve Alexander, APR Executive Director _____

John Standish, APR Technical Director _____