



5th IndianOil Petrochemical Conclave 4th February 2016

“Creating Value in Polyolefins through Performance Additives”

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Synopsis

Milliken has a long history of bringing new performance to polyolefins through additives that yield physical property improvements, such as our Hyperform® and Millad® products. Millad® NX 8000 has become the industry standard for the best achievable performance in clarified polypropylene.

Continued innovation leadership in this space is demonstrated by recent product launches, for example, HPN 210M - a recent R&D 100 award winner. Here, a novel crystalline orientation induced by nucleation expands the performance window of injection molded PE, enabling it to match the stiffness and thermal properties of PP while maintaining the impact properties of PE.

Some views of new performance extensions currently under study in our R&D program will be shown which illustrate improvements across several new areas of polyolefin property modification.

Milliken is always looking for novel additives in close cooperation with our customers to ensure that we provide solutions both to meet and to create market demand.