Milliken®

DeltaMax® 5000a

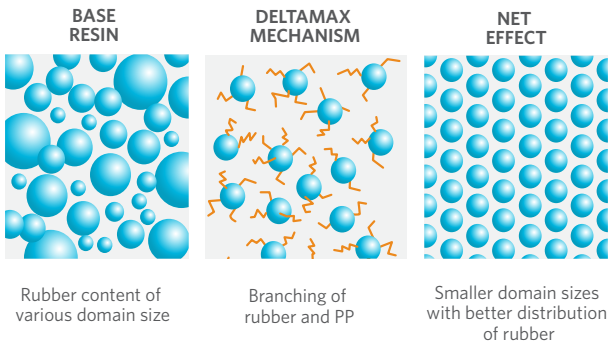
Performance Modifier for Polypropylene

Providing better impact performance with maximum melt flow properties in impact copolymer polypropylene.

DeltaMax Performance Modifiers maximize the physical properties and processability of impact copolymer polypropylene by modifying the polymer rheology in a way that better disperses the rubber content.

In use with peroxide, DeltaMax will branch the rubber to the polypropylene creating smaller, better dispersed rubber domains. The technology enables producers to optimize formulations for maximized throughputs and to extend the performances of the ICP portfolio.





Rubber content of various domain size

Branching of rubber and PP

Smaller domain sizes with better distribution of rubber

Major Attributes

- Maximize impact performance
- Improvement in impact failure mode
- Extended melt flow properties
- Enhanced efficiencies with formulation and consolidation

Typical Applications

- Packaging
- Industrial packaging
- Applicances
- Automotive

Contact us for more information
chemical.milliken.com/contactus

Please contact your Milliken representative for further product information including chemical registrations, food contact status, and other regulatory details.
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