

CERANOVUS[®] PRODUCTS

Polymer Additives for
PVC and Vinyl Applications

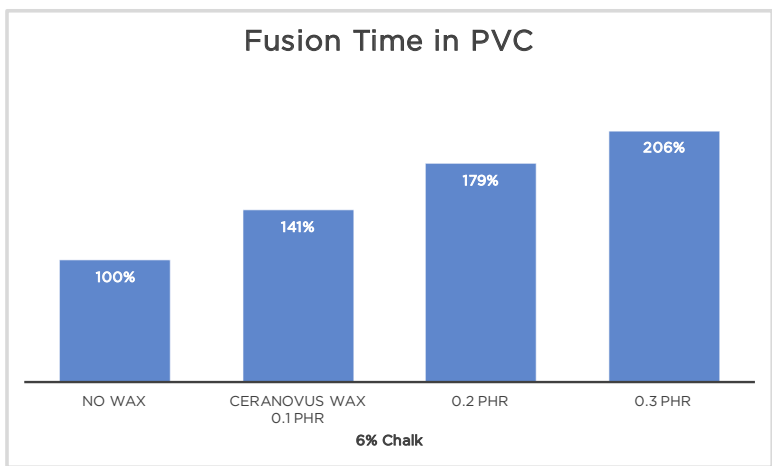


GreenMantra Technologies® Ceranovus® Synthetic Polymer Additives for PVC and Vinyl Applications

GreenMantra Technologies is a leading-edge North American manufacturer of polyethylene and polypropylene, (PE) and (PP), novel additives under the Ceranovus brand.

Through our proprietary process we produce a wide range of high-quality products designed as external lubricants that help the flow of material through extrusion while reducing torque, and overall melt viscosity. Dispersion of pigments, fillers, and other additives are improved through the addition of our Ceranovus series products. The final profile and gloss of extruded vinyl products is also improved, without sacrificing any physical attributes.

Table 1: Testing conditions: Brabender Plasti-Corder W 50. PVC with 6% chalk



We provide the service and production capabilities compounders and manufacturers need to ensure their product is of the highest quality. Our **Ceranovus** additives delay fusion/gelation of the PVC, result in tougher compounds which help with impact resistance and the consistency of the final mold.

Cost Savings



- Ceranovus products help reduce **Energy Costs** when processing PVC by providing longer fusion times and reduced torque
- Reduce **Raw Material** cost per unit by increasing use of low-cost feedstocks (filler, recycled PVC) and offsetting fossil base additives and lubricants

Product Performance Improvement



- **Color Strength**, improved through better dispersion of fillers, additives, and pigments in formed products
- Increased **Throughput** through external lubrication, and improved product **profiles**

Sustainability



- **GreenMantra's waxes are produced from 100% waste plastics**; use of GreenMantra products diverts plastic waste from landfills, replacing virgin sourced materials offsets fossil based production and associated green house gases, while designing products with the circular economy in mind.
- Report a higher % of recycled content in products to **enable LEED® and other green building certifications**, which are increasingly valued by end customers





For additional information or to contact us, please visit greenmantra.com or email info@greenmantra.com

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MADE WITH 100% RECYCLED CONTENT
POST CONSUMER



GREENMANTRA[®]
TECHNOLOGIES