

MonoSol



For Immediate Release:

MonoSol LLC Introduces MonoPol®

March 24, 2009 — MonoSol LLC announces the launch of MonoPol®, a new family of injection molding resins based on water soluble Polyvinyl Alcohol, a safe, non-toxic, biodegradable polymer.

Building on MonoSol's extensive experience in handling and formulating PVOH for films, soluble solutions like TerraLOC® and specialty extrusion films, this versatile soluble polymer technology has now been developed for another extrusion process – injection molding.

Imagination is the only limit for the applications of MonoPol! PVOH water soluble materials dissolve when they contact water. They are used in a variety of delivery systems that end up disappearing in water. Washing machines, dishwashers, spray bottles, toilets, waste treatment systems and agriculture are all areas where PVOH films are successfully used to deliver chemicals or functionality without leaving contaminated waste. Injection molding opens up more avenues for larger containers or novel systems that cannot be achieved with films. In the medical field, MonoPol can be used to create single use items can be sterilized – and thus not washed and re-used. The washing process destroys the PVOH component rendering the item useless.

MonoPol can be used for various lost core applications where it can form a temporary structure around which other materials are formed. The water soluble structure can then be dissolved away, leaving a hollow finished article.

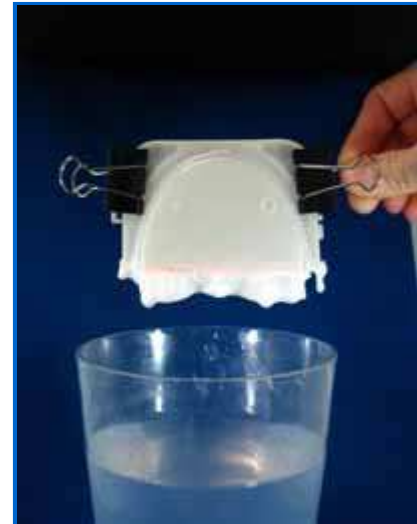
The MonoPol family reflects the variety of formulations that are used to create films of differing performance. The material can be tuned to work at different fabrication speeds and different temperatures. Molding also allows structures to be customized by changing wall thickness and dimensional strength.

MonoPol is currently available in four different grades: ColdWater Soluble (from about 10oC) to very Hot Water Soluble (above 70oC). MonoPol is MoldFlow® certified and each grade is available in a full range of colors. Mechanical properties can be adjusted and customized for specific applications.

For information contact: monopol@monosol.com

About MonoSol LLC

Since 1953 MonoSol LLC has been the world leader in specialty water-soluble polymer-based films. Today, MonoSol offers a wide range of water-soluble packaging films, mold-release films, transfer printing, embroidery support films, water-soluble laundry bags, edible films and a unique dust abatement system. MonoSol maintains a global network of dedicated partners to offer sales, service and technical support to its worldwide customer base. Certified ISO 9001:2000, MonoSol maintains the highest quality standards. Headquarters are based in Merrillville, Indiana, USA with manufacturing facilities in Portage & LaPorte, Indiana, USA and Hartlebury, England. For more information, visit www.monosol.com.



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