



PressRelease

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Polysciences, Inc. Adds Hydrophilic PEG & PPG Monomers and Macromonomers to Product Line

February 2013, Warrington, PA — Polysciences, Inc. has recently expanded its Monomer & Polymer product line with the introduction of Hydrophilic PEG and PPG Monomers and Macromonomers. These products represent a new category of methacrylate macromonomers containing both PEG and PPG, providing unique options and expanded opportunities to tune polymer properties to meet the needs of a variety of applications. PEG-containing materials offer water solubility while being non-ionic and biocompatible. When polymerized with a less hydrophilic polymer (PPG) the different solubility of the materials allows unique moisture retention and wetting capabilities. Polymerizable versions of these materials have been shown to be useful for drug encapsulation and delivery, formation of hydrogels, construction of nanocomposites and stabilization of biodegradable nanoparticles.

In addition to these materials, we have also expanded our line of monofunctional and difunctional PEG containing monomers to include higher molecular weights. These materials allow tuning the mechanical properties of PEG containing monomers, synthesizing comb polymers, stabilizing polymer emulsions and introducing hydrophilic sites into polymers.

For descriptions and data on our full line of Hydrophilic PEG monomers, visit polysciences.com/hydrophilic

About Polysciences, Inc.

Polysciences, Inc. is a leading manufacturer of laboratory products and specialty monomers/polymers for microscopy, histology, biotechnology, electronics and other industrial applications headquartered in Warrington, PA. While Polysciences offers a full line of off-the-shelf products for the medical, life sciences, and research communities, its specialty is developing custom-synthesized polymers and monomers for customer-specific needs. Polysciences produces encapsulants and other specialty products for the electronics industry, and is an FDA/cGMP facility for the manufacture and packaging of ultra-pure specialty products for the healthcare, pharmaceutical, and personal care industries. Polysciences has a more than 40-year history of successful partnerships with industry in developing new materials for emerging applications. Polysciences, Inc. maintains facilities in Warrington, PA and Eppelheim, Germany. In addition, its wholly owned subsidiary, Bangs Laboratories, Inc. is located in Fishers, IN.

For more information about Polysciences, Inc., visit polysciences.com

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