

## Hybrid Plastics Wins 2009 Global Customer Service Leadership Award

Hattiesburg, MS: Frost & Sullivan presented Hybrid Plastics, Inc. with its “2009 Global High Performance Fillers Customer Service Award”. These Best Practices Awards identify exemplary achievements within a multitude of industries and functional disciplines. Frost & Sullivan, headquartered in Palo Alto, California, is a global consulting firm leveraging over 45 years of experience in partnering with Global 1000 companies, emerging businesses and the investment community through 31 offices on six continents.

Frost & Sullivan stated “Hybrid Plastics’ customer service is unparalleled in the high performance fillers market.” “The company is recognized for its rapid turnaround of unique new products according to customer requirements and the additional assistance provided to customers to enable them to optimally utilize these products.”

The award pointed out that “The adoption of nanoscopic high performance fillers is limited by the need for surface modifiers in order to successfully incorporate the filler. This means that as new fillers are developed, new surface treatments also need to be developed before the fillers can be made commercially viable. Hybrid Plastics has circumvented the problem by developing a product that completely dissolves in a polymer matrix, when compatible chemistries are selected, and can actually also be used as a surface treatment for other fillers.”

“The company not only tailors its products to cater to customer needs and can turn around a new product within a month, but also assists customers in getting the best out of POSS® Nanostructured® Chemicals, leveraging 10 years of experience in this area.”



Hybrid has developed a platform technology called POSS® (Polyhedral Oligomeric Silsesquioxane). It is a revolutionary new Nanotechnology based on silicon-derived building blocks that provide nanometer-scale control to dramatically improve the thermal and mechanical properties of traditional polymers while offering easy incorporation using existing manufacturing protocols. These compounds have an average diameter of just 1.5 nanometers, or billionth of a meter. POSS® nanomaterials can be used both as direct replacements for hydrocarbon based materials or as low-density performance additives to traditional plastics. They release no VOCs, and, thereby, produce no odor or air pollution. They are biocompatible, recyclable, non-flammable, and competitively priced with traditional polymer feedstocks. POSS® Nanostructured® materials can be readily incorporated into virtually any existing polymer system.

POSS® nanoscopic chemical technology provides unique opportunities to create revolutionary material combinations through melding the desirable properties of ceramics and polymers at the 1 nm level. These new materials enable the circumvention of classic material performance trade-offs by accessing new properties and exploiting the synergy between materials that only occur when the length-scale of morphology and the fundamental physics associated with a property coincide on the nanoscale.

These POSS<sup>®</sup> nanobuilding-blocks were hailed by R&D magazine as one of the 100 globally most technologically significant new products for the year 2000. Hybrid Plastics was one of five finalists in Small Times Magazine's *2002 Best of Small Tech Award*. In December 2005, a *Presidential Determination* deemed POSS<sup>®</sup> Nanotechnology to be in the strategic national interest of the United States.

For More Information Contact:

Carl Hagstrom, Chief Operating Officer  
[chagstrom@hybridplastics.com](mailto:chagstrom@hybridplastics.com)

---

Hybrid Plastics, Inc.  
55 W. L. Runnels Industrial Drive  
Hattiesburg, MS 39401  
Tel: 601.544.3466  
Fax: 601.545.3103  
[www.hybridplastics.com](http://www.hybridplastics.com)