

Leading Tomorrow's Technology with Superior Compounds

Since its inception in the mid-80s, Indianapolis Compounds has established a well-earned reputation in advanced materials development, process technology and comprehensive analytical testing. With a commitment to compounding, research and development of quality materials, we produce compounds with unmatched reliability, optimum service life and superior performance, without compromising safety or compliance.



Compound Pellets for Cable
Insulations, Semi-Conductive
Shields and Jackets

Partner with Indianapolis Compounds

The state-of-the-art Indianapolis Compounds Center contains extensive facilities for advanced, dedicated compounding research and development.



Advanced Compounding Capabilities

Indianapolis Compounds is an ISO 9001-certified supplier of thermoset and thermoplastic compounds with a global customer base. We take pride in our capability to manufacture quality insulations, semi-conductive shields, jackets and specialty compounds on our Buss Kneader® lines and internal mixers – all of which are developed to match the evolving needs of customers in a variety of energy and specialty markets.

From the moment our premium raw materials enter our facility to the completion of the compound into pellets, our unique formulations are produced in a sealed, ultra-clean environment. Raw materials are unloaded using our enclosed rail car unloading system into stainless steel storage silos, and the introduction of resins and fillers to material handling systems and pack-out of final compound are accomplished in fully dedicated Class 10000 clean rooms. Our dedicated insulation and semi-conductive stainless steel HEPA filter systems and Buss mixer lines ensure the quality, reliability and consistency required to produce a pure compound. All processes at our facility are automated, monitored, controlled and recorded via a computerized control center to provide accurate, relevant and impartial material data.



Quality Control and Quality Assurance Laboratory

Indianapolis Compounds' commitment to compounding extends to a state-of-the-art testing laboratory. Comprehensive testing of materials includes the shield smoothness assessment as well as rheological and thermal analysis. Advanced physical, mechanical and electrical testing allows for complete compound characterization and performance analysis. The result – the next generation of insulation and shielding materials that continue to set the standards for purity, surface smoothness, uniformity and performance. In addition to certified test reports provided for every lot produced on our different compounding lines, trickle sampling of compounds ensures compliance with stringent quality standards, and online compound history for statistical analysis assures confidence in the results.



Research and Development

Supporting our customer base with innovative compounds begins with leadership through technical excellence. Our specialized team of cable industry experts with backgrounds in polymer processing/chemistry, and electrical/mechanical engineering, delivers more than a century of combined knowledge. As a result, Indianapolis Compounds' innovative formulations are backed by robust patent and patent-pending technology. In addition to external laboratories and universities, our technical service teams also have access to General Cable's state-of-the-art Indianapolis Technology Center to further aid in solving the toughest manufacturing and quality assurance challenges. Our ongoing investment in research and development makes leading tomorrow's technology with superior materials possible.

Please contact us for additional information on our extended capabilities:

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