

S&E Specialty Polymers, LLC

FOR IMMEDIATE RELEASE

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LEADING NEW ENGLAND CUSTOM CABLE MANUFACTURER USING NEW TPE ALLOY FROM S&E SPECIALTY POLYMERS FOR CHALLENGING WIND TURBINE APPLICATIONS

Compound is designed for toughness and operation in extreme climates

Lunenburg, MA (September 30, 2010) . . . A new material blend from S&E Specialty Polymers featuring extreme toughness and resistance to severe environmental conditions is being used by a leading custom cable manufacturer in New England for wire jacketing for wind turbine applications around the world.

The blend, designated Tufflex 2200 series, is a chlorinated thermoplastic elastomer (TPE) compound that is flame retardant, UV resistant, oil resistant, and extremely temperature resistant. Key properties include:

Property	Value	Test Method
Cold resistance (brittle point)	-53°C	ASTM D746
Heat resistance (oven)	+121°C	7 days in oven continuous heat
Heat resistance (oil)	+75°C	60 days ASTM Oil #2
Tensile retention	113%	UL 1581
Elongation retention	84%	UL 1581

Tufflex 2200 series meets the requirements for (UL) Type WTTC and CSA Type CIC cable products and is suitable for installation in the tower and nacelle of Wind Turbines, where it is exposed to extreme conditions that include cold, heat, and vibration. The finished electrical cables are used for control and service power for the Wind Turbines. They are critical components for the operation and maintenance of the tower and nacelle. The material's strength, flexibility and cold/hot weather properties are what make it successful in these applications.

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S&E first developed compounds for wind turbine producers in 2005, according to Ilia Charlat, S&E's Vice President of Engineering. "The specifications have evolved and become much more stringent since then as the use of wind turbines has expanded significantly around the world," he said. "Our material is extremely robust and is the benchmark for these types of applications."

Tufflex 2200 series, which has recently been NCSA approved, is a chlorinated TPE alloy combining the properties of chemical and oil resistance of halogenated polymers with the toughness and low temperature properties of thermoplastic rubber (TPR) materials.

About S&E Specialty Polymers

S&E Specialty Polymers is a premier specialty plastic compounder serving the automotive, wire and cable, battery, and footwear industries. The company's products are also used extensively in general-purpose applications. S&E specializes in flame retardant polyolefins, high flame retardant/low smoke PVC Plenum, and zero halogen high flame retardant plastic compounds. The company is a leading producer of compounds requiring exact color matching.

In addition, S&E enjoys ISO 9001:2008 registration and ISO 17025:2005 (lab only, per scope as listed in web site below) accreditation. The company has a state-of-the-art laboratory equipped with the best available machinery for providing the most comprehensive testing results to its customers.

For more information please visit our website at <http://www.sespoly.com>, or contact us directly at:

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