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### Special Points of Interest:

- Nima™ Product Line Commercialized
- Nima™ Developed in Collaboration with Large Cable Systems Manufacturer



*"Speed, Accuracy,  
Consistency, Quality,  
and Cost Efficient"*



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## OVATION POLYMERS COMMERCIALIZES NON-HALOGENATED FLAME RETARDANT PRODUCT

### NIMA™

Ovation Polymers has commercialized a Non-Halogenated Flame retardant product called **NIMA™ LSZH PE 213T2**. It's a High Density Polyethylene based FR compound intended to meet the most stringent requirements of wire and cable industry. Presently PVC and other halogenated polymers/compounds are the only materials known to meet these standards.

Flame retardant riser compounds have been used for a long time in the wire and cable industry. Conventionally, these materials have been made using brominated flame retardants. Owing to the Reduction of Hazardous Substances (ROHS) directive, which bans the use of halogenated flame retardants, the need for environmentally friendly flame retardant plastics has become a necessity.

The product development of **NIMA™ LSZH PE 213T2** was done in record time of six months in collaboration with a large cable systems manufacturer in USA, who could not find a suitable material for their application amongst current materials. In addition to flame retardance and low toxic smoke generation, this product offers excellent processability, strength and low temperature flexibility.

In order to better serve all the areas of wire and cable and other industries including automotive, **NIMA™ LSZH** was developed as a product technology platform (not a single product) and different grades are available in resins namely, Polypropylene, Low Density Polyethylene, and Ethylene Vinyl Acetate.

