

NovaSperse® Third-Stream Additives and PURmix® Compounds for LSR

Liquid Silicone Rubber (LSR) dosing systems have entered a new level of metering and calibration performance, resulting in vastly improved range-of-control tolerances. These improvements open tremendous opportunities for tailoring functional and mechanical properties during the liquid injection molding process.

NovationSi elastomer technologists, compounders, and pigment specialists work closely with the materials scientists and application engineers at **RDAbbott** to create fully customized LSR dispersions and compounds to meet your unique specifications.

Featured Compound and Third-Stream Additive Advancements

- **Anti-friction modifiers** for reducing dynamic friction
- **Surface modifiers** for dissipating static discharge and improving hydrophilic behavior
- **Antimicrobial modifiers** for reducing and inhibiting microbial growth
- **Electrically conductive modifiers** that enhance the electrical properties of silicone rubber

NovationSi is the manufacturing subsidiary of **RDAbbott**—a materials science, engineering and distribution company that's devoted to the advancement of rubber technologies—where applied curiosities become a reality.

Features and Benefits

- Thoroughly mixed dispersions with a custom blend of additives, modifiers, and/or color
- Fully dispersed into the polymer systems
- Accurate weigh-ups
- Multiple ingredients in one stream reduces the inevitable variances that come with additional streams
- Minimal impact to physical properties at low loading percentages
- Long-lasting performance
- Collaboration through the entire production process
- Save time, money, and resources

