90°C Thermoplastic LSZH Flame Retardant Cable Compound

This thermoplastic compound is made using EVA, PE and other resins, along with carbonizer, antioxidants, lubricants, and flame retardants. It is designed to meet CPR regulations and GB 31247 standards.

Product Overview

High-Performance LSZH Cable Compound

This 90°C Thermoplastic LSZH (Low Smoke Zero Halogen) flame retardant cable compound is engineered for critical safety applications. It offers exceptional thermal stability and mechanical performance while minimizing toxic fumes and corrosive gases during combustion. Designed to meet stringent Grade B1 flame retardancy standards, it is an ideal solution for high-density public infrastructure and ultra-high-rise building projects.

Technical Specifications

Maximum Operating Temperature	90 °C
Material Characteristics	Flame Retardant, Low Smoke, Halogen-Free, Thermal Shock Resistant

Compliance & Usage

Flame Retardancy Grade

Grade B1

Recommended Applications

- Ultra-high-rise buildings
- Class I high-rise civil buildings
- Shopping malls
- Schools
- Subway stations
- Airports
- Gymnasiums
- Exhibition halls
- Hospitals

Rooms 05–15, 13A/F South Tower, World Finance Centre, Harbour City, 17 Canton Rd, Tsim Sha Tsui, Kowloon, Hong Kong