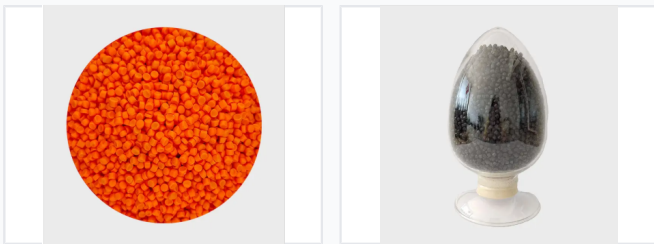


# LSZH HFFR Thermoplastic Sheath Compound

LSZH (Low Smoke Zero Halogen) HFFR (Halogen Free Flame Retardant) sheath compound offers enhanced fire safety and environmental protection for cable applications. It is available in both thermoplastic and irradiation crosslinking options.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Sheath Compound

This LSZH (Low Smoke Zero Halogen) and HFFR (Halogen Free Flame Retardant) thermoplastic sheath compound is engineered for critical fire safety applications. It minimizes smoke and toxic gas emissions, making it an essential material for cables in confined spaces and high-density public areas. Designed for reliability and environmental compliance, this compound offers superior flame retardancy alongside excellent mechanical and electrical insulation properties.

## Key Features

### Safety Standards

Low Smoke, Zero Halogen, Flame Retardant, Non-Toxic Emissions

## Applications

### Industry Usage

- Telecommunications
- Railway Infrastructure
- Automotive Wiring
- Aerospace
- Marine Environments
- Photovoltaic (Solar) Systems
- Building Construction

## Performance Metrics

### Performance Highlights

**0 Zero**

Halogen Content

**100 High**

Flame Retardancy

## Technical Details

### Material Characteristics

Characteristic	Benefit
Electrical	Superior insulation
Mechanical	High strength & durability
Resistance	Chemical & abrasion resistant
Processing	Advanced extrusion