

125°C Irradiation Crosslinkable LSZH Cable Compound for Railway Use

This double oil-resistant cable is produced using quality raw materials and advanced modification methods. The irradiation crosslinking process enhances the cable's mechanical strength and thermal stability, making it suitable for high-temperature applications.



Product Overview

High-Performance Railway Cable Compound

This irradiation crosslinkable low smoke zero halogen (LSZH) cable compound is specifically engineered for demanding railway rolling stock applications. It offers a superior balance of flame retardancy, chemical resistance, and mechanical durability, ensuring safety and reliability in high-temperature environments up to 125°C. Designed to meet strict international railway standards, this material provides an environmentally friendly solution for power and control cabling.

Technical Standards

Compliance Standards

TB/T 1484-2018, EN 50264

Key Performance Metrics

Performance Metrics

125 °C

Max Operating Temperature

Material Characteristics

Material Features

- Flame retardant (IEC 60332 compliant)
- Oil resistant (IRM902 and IRM903)
- Acid and alkali resistant
- Stable DC voltage performance
- Environmentally friendly / LSZH

Applications

Target Applications

- Railway rolling stock power wires
- Railway rolling stock control wires
- Underground railway rolling stock cabling