

Silane Crosslinkable LSZH Polyolefin Cable Compound

This silane crosslinkable polyolefin compound is made using PE, EVA, and POE base resins. It uses magnesium hydroxide as the main flame retardant and is designed for cable insulation and jacketing.



ADDITIONAL IMAGES



Product Overview

High-Performance Cable Insulation Solution

This Silane Crosslinkable LSZH Polyolefin material is engineered for superior safety and reliability in critical cabling environments. By utilizing high-quality base resins like PE, EVA, and POE combined with flame-retardant magnesium hydroxide, it provides an advanced alternative to traditional irradiation cross-linking. The two-step process ensures excellent cross-linking speed and processing performance for modern industrial power applications.

Technical Composition

Key Additives

- Magnesium hydroxide (Flame Retardant)
- Vinyl silane
- Initiators
- Antioxidants
- Lubricants

Base Resin Components

PE, EVA, POE

Performance Highlights

Core Benefits

LSZH • Silane Crosslinkable • Excellent Processing • Halogen-Free • High Thermal Resistance

Compliance & Standards

International Standards

- EN 50618-2014
- TUV 2 PfG 1169
- IEC62930

Application

Primary Applications

Photovoltaic cables used in various industrial and outdoor environments.