

Cross-Linked Polyethylene XLPE Compound for Cable Insulation

Cross-linked polyethylene (XLPE) compound is designed for insulating cables used in power transmission and distribution. It offers high thermal resistance and durability, ensuring reliable performance in harsh conditions.



ADDITIONAL IMAGES



Product Overview

High-Performance XLPE Compound

This cross-linked polyethylene (XLPE) compound is engineered for superior electrical insulation in power transmission and distribution cables. It features high thermal resistance, exceptional dielectric strength, and excellent mechanical toughness, ensuring long-term reliability in harsh environments. Designed for medium and high voltage applications, this premium-grade material supports safety and energy efficiency across diverse industrial sectors.

Technical Characteristics

Voltage Suitability

Medium Voltage • High Voltage

Performance Features

- Excellent electrical dielectric strength
- High thermal stability and heat resistance
- Superior chemical and abrasion resistance
- Low dissipation factor
- Enhanced mechanical toughness and flexibility

Target Applications

Power Transmission, Power Distribution, Telecommunications, Automotive

Compliance and Quality

International Standards

The compound is manufactured using premium-grade materials and advanced production techniques to ensure consistent quality. It strictly complies with international standards and specifications required for electrical insulation compounds in the power and construction industries.