6 Manufacturers of PE granules for optical cable sheathing



Overview

Find Economical Suppliers of Pe Granule: 3,682 Manufacturers based on Export data till Jul-24: Pricing, Qty, Buyers & Contacts.

Key Takeaways

Key manufacturers of PE granules for optical cable sheathing include Melos GmbH, SZEPLAST, Shakun Polymers, Bihani Group, and SUNUA.

1. Melos GmbH (Germany)

Melos produces customized cable compounds, including PE granules for sheathing applications. Their products are designed for high flexibility, media resistance, and flame retardancy, suitable for optical cables, automotive, offshore, and rolling stock applications. They offer thermoplastic, halogen-free, and abrasion-resistant compounds with high temperature ratings up to 225°C, meeting international standards for optical fiber cables .

2. SZEPLAST (Hungary)

SZEPLAST manufactures XLPE and semi-conductive granules, expanding their portfolio to include materials suitable for optical and telecom cable sheathing. Their PE compounds are designed to meet evolving market requirements and are available for customized orders starting from 2024 .

3. Shakun Polymers (India)

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Shakun Polymers offers high-performance PE compounds for power, telecom, and optical fiber cables. Their granules provide environmental stress resistance, heat deformation resistance, and tracking resistance, ensuring long-term reliability of optical cables in diverse conditions .

4. Bihani Group (India)

Bihani Group produces HDPE, MDPE, LDPE, and LLDPE compounds registered under BIS standards. Their PE granules are suitable for optical cable sheathing, offering compliance with ASTM D 1248 and IS 7328:2020 standards. They provide carbon black reinforced compounds for enhanced durability .

5. SUNUA (China)

SUNUA specializes in Low Smoke Zero Halogen (LSZH) and flame-retardant PE compounds for optical cables. Their MDPE granules are designed for high-temperature resistance, electrical stability, and extrusion processing, making them suitable for fiber optic networks, 5G base stations, and EV wiring .

6. Additional Options

While the above five are directly referenced, other global suppliers of PE granules for optical cable sheathing include BASF, LyondellBasell, and SABIC, which provide customizable PE compounds for telecom and optical fiber applications, often with LSZH and flame-retardant options. These companies are widely recognized in the cable industry for high-quality polymer solutions.

These manufacturers provide a range of PE granules tailored for optical cable sheathing, including flame-retardant, halogen-free, and high-temperature resistant formulations, suitable for both standard and specialized optical fiber applications.

Article Content

Manufacturers of fiber optic cable sheathing granules

We specialize in designing and manufacturing fiber optic connectors, fiber optic cable assemblies, and custom fiber optic products for

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Product name LDPE Granules for Cable Outer Sheath Application Outer Sheath of Outdoor Network Cable, Power Cable, Optical

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Cable PVC granules are use in the cable and conductor industry for manufacture of insulation and protective wire and cable sheaths

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Whether in industrial or commercial applications, understanding the characteristics of different sheathing materials and selecting

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Wire, cable and electrical PVC Granules Due to the high consumption of PVC granules in the electricity, wire and cable industry,

Hdpe for cable sheathing granules

The careful selection of materials and ingredients allows manufacturers to tailor hdpe for cable sheathing granules products to meet

Hdpe cable sheathing granules

Hdpe cable sheathing granules is a highly versatile material widely used in the manufacturing and industrial sectors. Known for its

SABIC

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Polyethylene (PE) Complete range of HDPE, LDPE and LLDPE, including Metallocene LLDPE, plastomers and

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What Are the Advantages of Cross-Linked PE Sheath Compounds? Cross-linked polyethylene (PE) sheath compounds, often

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Polyethylene (PE) optical cable sheath material: performance

Material introduction Polyethylene (PE) optical cable sheath material is an outer protective material designed for optical fiber cables,

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