



Shakun Polymers
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**New
ZHFR compounds
4800C D & H**

New High-Performance Cost-Effective Thermoplastic Zero Halogen Compounds for Datacom Cables & for Power Cable Inner Sheathing

Shakun introduces specialized compounds tailored for **Data tele communication** and for **Power Cable Inner Sheathing**. Our latest grades, **SPL-ZHFR-4800C**, **SPL-ZHFR-4800D** and, **SPL-ZHFR-4800H**, delivers exceptional performance and cost-effectiveness meeting customers specific requirements.

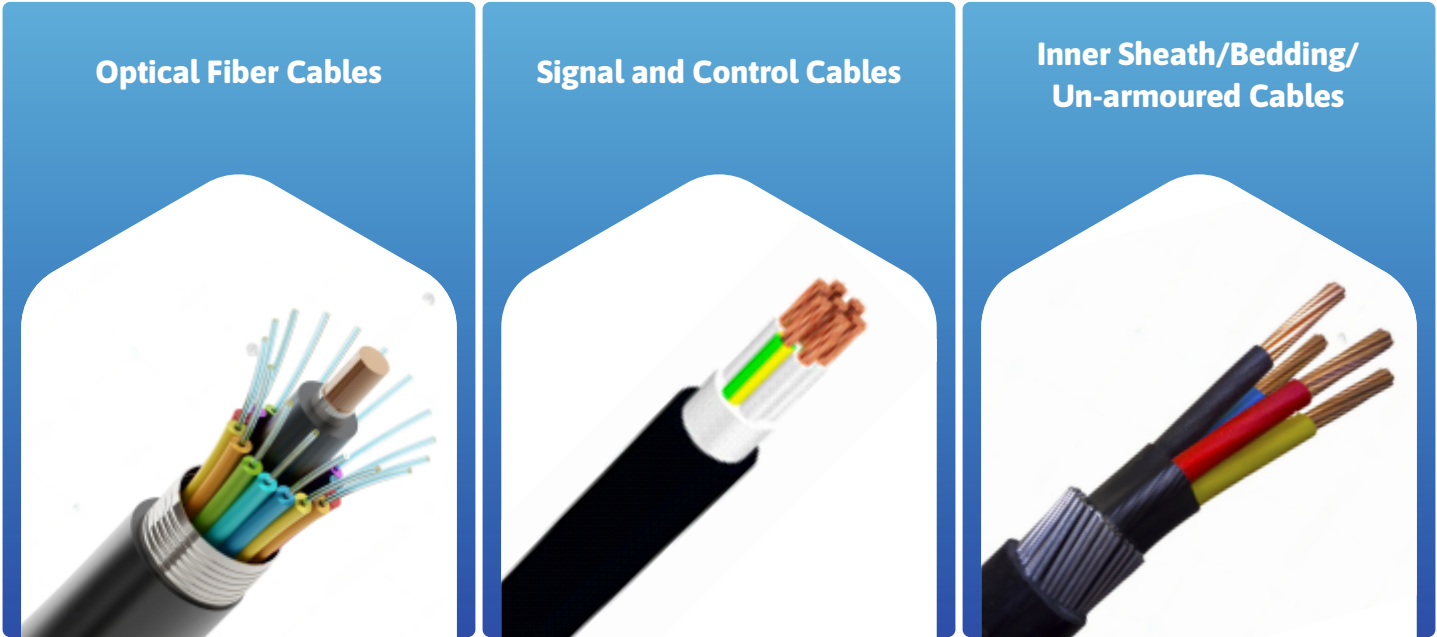
Key Features:

High Performance: Compounds are developed to suit specific requirements in terms of processability and meeting technical specifications of Optical Fiber Cables, Communication, Energy, Signal, Control Cables, and Power Cables.

Zero Halogen Flame Retardancy: Designed to provide excellent flame retardancy without compromising on performance.

Cost-Effectiveness: Cost-effective solution meeting cable manufacturing needs, allowing customers to achieve high-quality results without impacting overall cable cost.

Application



Application and Properties of New ZHFR Compounds

Property	SPL-ZHFR-4800C	SPL-ZHFR-4800D	SPL-ZHFR-4800H
Application	Datacom Cables Energy, Signal and Control Cables Power Cables Inner Bedding and Separation Sheath	Datacom Cables Energy, Signal and Control Cables Power Cables Inner Bedding and Separation Sheath	Power Cable Inner Bedding, Separation Sheath
Cable Diameter Range	<20mm	<20mm	<80mm
Melt Flow Index @21.6 kg & 160 °C	4	6	7
Shore D Hardness	56	55	53
Limited Oxygen Index %O2	41	40	37
Temperature Index (°C)	325	325	300
Purpose	To meet higher Flame Retardancy	To meet higher Flame Retardancy	Better Processing
Other Special Characteristics	<ul style="list-style-type: none">• Good Resistance to Deformation.• Good Mechanical Properties.• UV Stabilized.• RoHS compliant.• Low Smoke Density.• Zero Halogen Acid.• Good Processability.	<ul style="list-style-type: none">• Good Resistance to Deformation.• Good Mechanical Properties.• UV Stabilized.• RoHS compliant.• Low Smoke Density.• Zero Halogen Acid.• Good Processability.	<ul style="list-style-type: none">• Good Resistance to Deformation.• Good Mechanical Properties.• UV Stabilized.• RoHS compliant.• Low Smoke Density.• Zero Halogen Acid.• Good Processability.