

电缆料

Wire & Cable Grade

产品简介

中国石化高密度聚乙烯电缆料具有优异的力学性能和耐磨性，良好的耐环境应力开裂和耐热应力开裂性能，电绝缘性能优异，适用于高频载波电缆，不易发生语音的串扰和损耗，加工性能良好。

Overview

Sinopec HDPE wire & cable grade has excellent mechanical and abrasion resistance properties. It has a strong ability to environment stress crack resistance and thermal stress crack resistance. It also has excellent insulating properties and processability, it is especially suitable for making high-frequency carrier cables, which can effectively avoid crosstalk interference and loss.

产品用途

高密度聚乙烯电缆料产品主要用于高速挤出通讯电缆护套。

Applications

HDPE wire & cable grade is mainly used for producing communication cable jacket through fast-extrusion methods.

产品包装及贮运要求

产品采用重包装袋 (FFS) 包装、牛皮纸包装袋或聚乙烯复合薄膜包装袋包装，净重25Kg/袋。

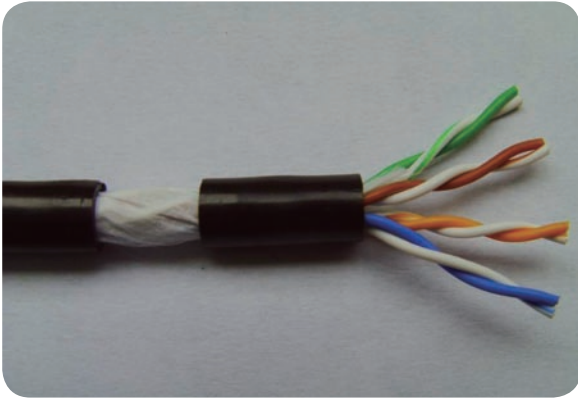
产品应存放在通风、干燥的仓库内，远离火源，防止阳光直接照射，不得露天堆放。产品运输时不得在阳光下暴晒或雨淋，不得与沙土、碎金属、煤炭、玻璃等混合装运，更不可与有毒物质、腐蚀性和易燃物品混装。

Package, Storage and Transportation

The resin is packaged in internally film-coated polypropylene woven bags, brown paper bags or laminated polyethylene film bags. The net weight is 25Kg/bag.

The resin should be stored in a drafty, dry warehouse and away from fire and direct sunlight. It should not be piled up in the open air. During transportation, the material should not be exposed to strong sunlight or rain and should not be transported together with sand, soil, scrap metal, coal or glass. Transportation together with toxic, corrosive and flammable substance is strictly prohibited.





主要产品牌号性能指标典型值（非保证值）

Grades and Typical Values (Not Warranted Values)

| 产品牌号 Grades | | QHJ01 | BPD4020 | PC4014 | K44-15-122 |
|--|-------------------|------------|-------------|-------------|-------------|
| 熔体流动速率 MFR | g/10min | 0.7 | 0.2 | 0.5 | 12.5(HLMI) |
| 密度 Density | g/cm ³ | 0.945 | 0.939 | 0.952 | 0.944 |
| 水含量 Moisture Content | mg/kg ≤ | — | — | — | — |
| 拉伸强度 Tensile Strength | MPa ≥ | 19 | 18 | 26 | 22.8 |
| 断裂伸长率 Elongation at break | % ≥ | 500 | 600 | 500 | 800 |
| 耐环境应力开裂 Environmental Stress Cracking Resistance | F50 ≥ | — | — | — | — |
| 介电常数 Dielectric Constant | — | — | — | — | — |
| 炭黑分散性 Distribution of Pigment or Carbonblack | 级 Grade | — | — | — | — |
| 炭黑含量 Carbon Black Content | wt% | — | — | — | — |
| 邵氏硬度 shore hardness D | (D型 ≥) | — | — | — | — |
| 弯曲弹性模量 Flexural Modulus | MPa ≥ | — | — | — | — |
| 产品认证 Certifications | | ROHS | | — | — |
| 生产企业 Manufacturers | | 齐鲁 Qilu | 中沙 SSTPC | 中沙 SSTPC | 中沙 SSTPC |