

电缆料

Wire & Cable Grade

产品简介

中国石化低密度聚乙烯电缆基料产品通过控制分子结构，使其密度和熔体流动速率非常适宜做为电缆基料，产品具有较高的介电强度和体积电阻率，较低的介质损耗角正切值和介电常数。

Overview

Sinopec LDPE wire & cable grade has a density and melt flow rate very suitable for the material being used as cable base material. This is achieved by controlling its molecular structure. The resin has high dielectric strength and volume resistivity, low dielectric loss tangent and dielectric constant.

产品用途

低密度聚乙烯电缆基料产品主要用于生产高压化学可交联聚乙烯绝缘料和中低压硅烷可交联聚乙烯绝缘料的基础料。

Applications

LDPE wire & cable grade is mainly used for producing the base materials for high-voltage chemical crosslinking polyethylene insulating material and low and medium-voltage silane crosslinking polyethylene insulating material.

产品包装及贮运要求

产品采用聚丙烯内涂膜编织袋，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曝晒或雨淋，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 polypropylene woven 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		LD100BW	DJ200A	DJ210	QLT17	2220H
熔体流动速率 MFR	g/10min	2.1	2.0	2.1	2.1	2.0
密度 Density	g/cm ³	0.923	0.918	0.920	0.920	0.923
拉伸强度 Tensile Strength	MPa \geq	11	11	9.6	12	10
介电常数 Dielectric constant	ϵ (50Hz)	2.5	—	2.35	2.3	2.0
介质损耗角正切 Dielectric Loss Tangent	($\times 10^{-4}$)	2.5	2.3	2	—	—
产品认证 Certifications		食品卫生/FDA	—	—	—	—
生产企业 Manufacturers		燕山 Yanshan	上海 Shanghai	上海 Shanghai	齐鲁 Qilu	扬巴 BASF-YPC