

## 薄膜料

### Film Grade

#### 产品简介

中国石化低密度聚乙烯薄膜料分为普通膜料、高透明膜料、重包装膜料、收缩膜料、流延膜料等几个类别，产品具有优异的力学性能，良好的化学稳定性和电绝缘性能，水蒸气透过率低，产品的加工性能优良，薄膜制品的透明性和耐老化性能优异。

#### Overview

Sinopec LDPE film grade can be categorized into several groups –general purpose film, highly transparent film, heavy-duty film, shrinkage film and casting film. These products have excellent physical and mechanical performance, good chemical stability and electric insulation, low permeability to vapor, and excellent processability. Films produced using these resins has excellent transparency and aging resistance.

#### 产品用途

低密度聚乙烯薄膜料，主要用于吹塑包装薄膜、农膜，并可与线型低密度聚乙烯掺混进行复合改性，此外还应用于热收缩包装膜、层压膜、冷冻膜、医用包装、共挤出多层膜、重包装膜、管道涂覆、电缆护套料、内衬以及高档化学发泡等领域。



#### Applications

LDPE film grade is principally used in the production of blow-molding packaging film, agricultural film and can be blended with linear low-density polyethylene (LLDPE) to produce modified PE. In addition, it can be used for heat shrinkable packaging film, laminated film, freezing film, medical packaging, multi-layer co-extrusion film, heavy-duty packaging film, pipe coatings, cable sheathing, lining and high-end chemical foaming.

#### 产品包装及贮运要求

产品采用重包装袋（FFS）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 internally film-coated 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 product 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		LD100AC	LD160AS	LD160BW	LD163	2102TN00
熔体流动速率 MFR	g/10min	2	4	4	0.31	2.40
密度 Density	23°C, g/cm <sup>3</sup>	0.9225	0.9225	0.9225	0.9220	0.920
雾度 Haze	%	—	—	—	—	7
拉伸强度 Tensile Strength	MPa	9	9	9	14	12
断裂伸长率 Elongation at break	%	500	450	450	500	550
认证情况 Certifications		食品卫生/FDA	食品卫生/FDA	食品卫生/FDA	食品卫生/FDA	食品卫生/FDA
生产企业 Manufacturers		燕山 Yanshan	燕山 Yanshan	燕山 Yanshan	燕山 Yanshan	齐鲁 Qilu
产品牌号 Grades		2100TN00	N150	N210	N220	Q210
熔体流动速率 MFR	g/10min	0.30	1.5	2.1	2.2	2.1
密度 Density	23°C, g/cm <sup>3</sup>	0.920	0.919	0.921	0.922	0.921
雾度 Haze	%	14	24	16	16	10
拉伸强度 Tensile Strength	MPa	14	12.5	11	15	11
断裂伸长率 Elongation at break	%	550	550	550	500	550
认证情况 Certifications		食品卫生/FDA	食品卫生ROHS/ FDA	食品卫生/ROHS/ FDA	食品卫生/ROHS/ FDA	食品卫生ROHS/ FDA
生产企业 Manufacturers		齐鲁 Qilu	上海 Shanghai	上海 Shanghai	上海 Shanghai	上海 Shanghai
产品牌号 Grades		Q281	Q400	1810D	2420H	2426K
熔体流动速率 MFR	g/10min	2.8	4.0	0.3	2	4
密度 Density	23°C, g/ cm <sup>3</sup>	0.924	0.923	0.920	0.923	0.925
雾度 Haze	%	10	10	15	9	10
拉伸强度 Tensile Strength	MPa	11	16	22	12	9
断裂伸长率 Elongation at break	%	550	450	700	580	550
认证情况 Certifications		食品卫生ROHS/ FDA	食品卫生ROHS/ FDA	ROHS/FDA	ROHS/FDA	食品卫生/ROHS
生产企业 Manufacturers		上海 Shanghai	上海 Shanghai	扬巴 BASF-YPC	扬巴 BASF-YPC	扬巴 BASF-YPC

## 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		951-000	951-050	2426K	2426H	2520D
熔体流动速率 MFR	g/10min	2.17	2.17	4.0	1.9	0.3
密度 Density	23°C, g/ cm <sup>3</sup>	0.92	0.92	0.926	0.923	0.924
雾度 Haze	%	9	9	10	8	11
拉伸强度 Tensile Strength	MPa	8	8	18	15	11
断裂伸长率 Elongation at break	%	400	400	550	600	600
认证情况 Certifications		ROHS/FDA/ PAHS	ROHS/FDA/ PAHS	食品卫生ROHS/ FDA/PAHS	食品卫生ROHS/ FDA/PAHS	-
生产企业 Manufacturers		茂名 Maoming	茂名 Maoming	茂名 Maoming	茂名 Maoming	茂名 Maoming
产品牌号				QLT04		QLF39
熔体质量流动速率		g/10min		3.0		0.75
密度		g/cm <sup>3</sup>		0.920		0.920
雾度		%		10		报告
拉伸强度		MPa		6		6
断裂伸长率		%		550		550
产品认证				食品卫生/FDA		食品卫生/FDA
生产企业				齐鲁 Qilu		齐鲁 Qilu