

## 薄膜料

### Film Grade

中国石化线型低密度聚乙烯薄膜料为无毒、无味、无臭的白色颗粒，具有强度高、韧性好、刚性强、耐热、耐寒等优点，有良好的耐环境应力开裂、耐冲击、耐撕裂性能及抗穿刺性能，加工性能优良，薄膜制品的透明性和耐老化性能优异，并可耐酸、碱和有机溶剂。

Sinopec LLDPE film grade is white, nontoxic, tasteless and odorless, supplied in pellets. It has high tensile strength, toughness and rigidity and is resistant to heat and cold. It has good environmental stress crack resistance and impact and puncture resistance and has good processability. Films made from it have excellent transparency and good aging resistance, acids, alkali and organic solvents.

#### 产品用途

线型低密度聚乙烯薄膜料产品用于制作薄膜制品，如各种农膜、地膜、日用包装袋，垃圾袋，也可用于容器衬里、涂层、农用小口径排水管材等。

#### Applications

LLDPE film grade can be used to make films such as agricultural film and mulching film, packaging bags of daily use, garbage bags, container lining, coatings and agricultural small-caliber drainage pipes.



#### 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 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		7050	9050K	9020	9030	DFDA-6010	TJVL-1210	7042	1802	7042
熔体流动速率 MFR	g/10min	2.0	1.9	1.9	20	0.95	1.0	2.0	2.0	2.0
密度 Density	g/cm <sup>3</sup>	0.923	0.920	0.922	0.919	0.921	0.910	0.920	0.920	0.918
拉伸屈服强度 Tensile Strength at yield	MPa $\geq$	8	8.3	8.3	9	10.8	7.8	10	10	7.0
拉伸断裂强度 Tensile Strength at break	MPa $\geq$	12	12	12	20	29.0	28.4	16	—	—
断裂伸长率 Elongation at break	% $\geq$	500	500	500	—	—	846	750	750	200
雾度 Haze	% $\leq$	14	17	—	—	—	15	12	12	—
鱼眼(个/1520cm <sup>2</sup> ) Fish Eyes, pcs/1520cm <sup>2</sup>	0.8mm $\leq$	8	2	2	4	13	—	2	2	8
	0.4mm $\leq$	40	15	15	25	—	—	10	10	40
产品认证 Certifications		—	—	—	—	—	—	食品卫生/ ROHS	食品卫生/ ROHS	食品卫生/ ROHS/FDA
生产企业 Manufacturers		中原 Zhongyuan	中原 Zhongyuan	天津 Tianjin	天津 Tianjin	天津 Tianjin	天津 Tianjin	扬子 Yangzi	扬子 Yangzi	镇海 Zhenhai

产品牌号 Grades		7050	7042	QHM23F	7042	MLPE8250	2001T	2001	7042
熔体流动速率 MFR	g/10min	2.0	2.0	2.0	2.0	50	1.9	2.0	2.0
密度 Density	g/cm <sup>3</sup>	0.921	0.920	0.918	0.920	0.926	0.920	0.920	0.918
拉伸屈服强度 Tensile Strength at yield	MPa $\geq$	7.0	8.3	7.0	8	—	8	8	8
拉伸断裂强度 Tensile Strength at break	MPa $\geq$	—	12	12	12	—	12	12	12
断裂伸长率 Elongation at break	% $\geq$	200	500	300	—	—	500	500	500
雾度 Haze	% $\leq$	—	—	—	15	—	16	20	25
鱼眼(个/1520cm <sup>2</sup> ) Fish Eyes, pcs/1520cm <sup>2</sup>	0.8mm $\leq$	8	—	—	—	—	2	2	4
	0.4mm $\leq$	40	—	—	—	—	15	15	25
产品认证 Certifications		FDA/ROHS	FDA	—	—	—	FDA	FDA/ROHS	—
生产企业 Manufacturers		镇海 Zhenhai	齐鲁、中原 Qilu, Zhongyuan	齐鲁 Qilu	茂名 Maoming	茂名 Maoming	广州 Guangzhou	广州 Guangzhou	福建联合 FREP

产品牌号 Grades		7050	QLLP01	9085	1801	7047	7050H	EGF-35B	EGF-34
熔体流动速率 MFR	g/10min	2.0	1.0	0.7	1.0	1.0	2.0	2.0	1.0
密度 Density	g/cm <sup>3</sup>	0.922	0.920	0.920	0.918	0.918	0.921	0.918	0.918
拉伸屈服强度 Tensile Strength at yield	MPa $\geq$	8	7	8.3	8	—	7.0	10	9
拉伸断裂强度 Tensile Strength at break	MPa $\geq$	12	15	17	—	—	—	17	19
断裂伸长率 Elongation at break	% $\geq$	500	500	500	650	—	200	760	600
雾度 Haze	% $\leq$	30	—	—	14	—	13.5	—	—
鱼眼(个/1520cm <sup>2</sup> ) Fish Eyes, pcs/1520cm <sup>2</sup>	0.8mm $\leq$	4	—	8	8	8	4	—	—
	0.4mm $\leq$	25	—	40	40	40	20	—	—
产品认证 Certifications		—	—	—	食品卫生/ ROHS	ROHS/ FDA	—	—	—
生产企业 Manufacturers		福建联合 FREP	齐鲁 Qilu	天津 Tianjin	扬子 Yangzi	镇海 Zhenhai	扬子、镇海 Yangzi, Zhenhai	中韩石化	中韩石化