中国石油集团公司（CNPC）

CHINA NATIONAL PETROLEUM CORPORATION

Model: CNPC@LLDPE DFDA-7042N

Linear Low-Density Polyethylene for blown films(without anti-blocking agents)

Description:

CNPC@LLDPE DFDA-7042N is linear low density polyethylene resin, with high softening and melting temperatures, high strength, good toughness, high rigidity, good heat and cold resistance. In the way of Chemical properties|: with good resistance to environmental stress cracking, impact strength and tear strength, and can withstand acids, alkalis and organic solvents|. Films produced from this resin are tough with good puncture resistance, high tensile strength and good hottack properties.

Application:

CNPC@LLDPE DFDA-7042N, without anti-blocking agents, is widely used in industry, agriculture, medicine, health and daily necessities, such as ground film, packaging bags, stretch film, food packaging bags, container lining and coating, etc.

性能 Property	测试标准 Standard Test	测试条件 Test Condition	单位 Unit	典型数值 Model Value
拉伸断裂标称应变 NOMINAL TENSILE STRAIN@BREAK	GB/T 1040.2-2022	/	%	475
拉伸屈服应力 TENSILE STRESS@YIELD	GB/T 1040.2-2022	32.0 minimum	Mpa	9.24
鱼眼 FISH EYE	GB/T 11115-2009	0.8mm 0.4mm	pieces/1520cm2	2 3
密度 DENSTIY	GB/T 1033.2-2010	/	g/cm³	0.9196
熔融指数 MELT FLOW	GB/T 3682.1-2018	190℃, 2.16 kg	g/10min	2.05
色粒和黑斑粒 OOLOR GRANULE AND BLACK SPOT GRANULE	SH/T 1541.1-2019	30 maximum	pieces/kg	1
大小粒 LARGE GRANULE AND SMALL GRANULE		100 maximm	g/kg	0
蛇皮粒和拖尾粒 SNAKESKIN GRANULE AND TAILING GRANULE		To be reported	pieces/kg	2
落镖冲击破损质量，g（膜厚0.030mm） FALLING DART IMPACT DAMAGE QUALITY, g(Film Thickness 0.030 mm)	GB/T 9639.1-2008	/	g	105
雾度 Blow film HAZE(%)	GB/T 2410-2008	6 maximum	%	19.4

* Remarks: This product implements the enterprise standard [Q/DGR 001—2024] of PetroChina International South China Co., Ltd. HAS IMPLEMENTED AND MAINTAINS MANAGEMENT SYSTEM IN COMPLIANCE WITH ISO 9001:2015,ISO 14001:2015 AND ISO 45001:2018.