POLYETHYLENE LLDPE PE-LLD 2020F

Trademark: 昆仑 KunLun

Manufacturer: PETROCHINA GUANGXI PETROCHEMICAL COMPANY

Overview: The linear low-density polyethylene is produced using the UNIPOL gas-phase fluidized bed process.

The implementation standard: Q/SY 03494-2022

Technical Specification:

No.	Mechanical Properties			Typical Value	Test Method
1	Density, g/cm3			0.920	GB/T 1033.2
2	MFR (2.16kg), g/10min			2.0	GB/T 3682.1
3	Tensile strength at yield, MPa			10.0	GB/T 1040.2
4	Nominal strain at tensile break, %			490	GB/T 1040.2
5	Haze, %			17	GB/T 2410
6	Falling weight impact (Film thickness 30μm), g			110	GB/T 9639.1
7	Fish eye	0.8mm	number/1520 cm2	1	GB/T 11115
		0.4mm		3	

Note: The above values are typical and should not be construed as performance guarantees.

Performance characteristics: Suitable for film products, this material exhibits high tensile strength, excellent elongation at break, and superior tear resistance, making it widely applicable in various packaging films, agricultural mulch films, and related fields.

Recommended Processing Conditions: Recommended processing conditions for PE-LLD 2020F when used in film products are as follows:

Barrel temperature	Die temperature	Blow-up ratio	Optimal blow-up ratio
160~220℃	170~210℃	2~4	2~2.5
Note: The above processing conditions are for reference only. Users should adjust them according to product requirements, production equipment conditions, and process formulations.			

Packages, Storage and Transportation:

1. The product is packaged using heavy-duty film or other packaging forms approved by the user, with a net weight of 25 kg per bag or other packaging units as specified.

2. The packaging must remain intact and protected from moisture, direct sunlight, and contamination.

Storage: Store the product in a well-ventilated, dry, clean warehouse equipped with appropriate fire safety facilities. Outdoor storage is strictly prohibited.

Additional Information: For compliance-related details (e.g., FDA, RoHS), please contact your local sales representative for further information.