POLYETHYLENE LLDPE DFDA7042N

Product 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.

Applicable Standard: Q/SY 03494-2022

Technical Specifications:

No.	Analysis Items			Typical Value	Test Methods
1	Density, g/cm^3			0.920	GB/T 1033.2
2	MFR (2.16kg), g/10min			2.0	GB/T 3682.1
3	Tensile strength at yield, MPa			9.0	GB/T 1040.2
4	Nominal strain at tensile break, %			460	GB/T 1040.2
5	Haze, %			19	GB/T 2410
6	Falling weight impact (Film thickness 30μm), g			70	GB/T 9639.1
7	Fish eye	0.8mm	number /1520 cm^2	3	GB/T 11115
		0.4mm		5	
Note: The above values are typical and should not be construed as performance guarantees.					

Product Features and Applications:

Film products exhibit good elongation and puncture resistance. Without the addition of opening agents or slip agents, they can be widely applied to various fields such as packaging films and stretch wrapping films.

Recommended Processing Conditions: Recommended processing conditions for DFDA7042N 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.			

Packaging 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.

Safe Storage Precautions:

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.